

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050521\
 Data File : VV021285.D
 Acq On : 05 May 2021 12:09
 Operator : SY/MD
 Sample : M2271-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 06 02:17:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 06 02:15:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	596063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	587707	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	342256	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	110549	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.62%
7) Chloroethane-d5	1.571	69	110689	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.68%
11) 1,1-Dichloroethene-d2	2.111	63	326880	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.64%
21) 2-Butanone-d5	3.899	46	266897	125.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.79%
24) Chloroform-d	4.352	84	447595	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
26) 1,2-Dichloroethane-d4	5.034	65	338175	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
32) Benzene-d6	5.053	84	698863	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
36) 1,2-Dichloropropane-d6	6.076	67	186353	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.20%
41) Toluene-d8	7.320	98	728635	51.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.90%
43) trans-1,3-Dichloroprop...	7.625	79	133527	51.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.26%
47) 2-Hexanone-d5	8.095	63	195931	122.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.03%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	317906	57.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.28%
66) 1,2-Dichlorobenzene-d4	11.632	152	358814	53.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	211543	43.96	ug/L	99
3) Chloromethane	1.243	50	129621	44.80	ug/L	97
5) Vinyl chloride	1.311	62	154413	42.82	ug/L	99
6) Bromomethane	1.523	94	125321	44.17	ug/L	92
8) Chloroethane	1.587	64	108008	46.36	ug/L	99
9) Trichlorofluoromethane	1.754	101	401525	42.45	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	187000	44.78	ug/L	96
12) 1,1-Dichloroethene	2.118	96	167339	44.84	ug/L	95
13) Acetone	2.198	43	177715	70.87	ug/L	95
14) Carbon disulfide	2.294	76	410109	43.80	ug/L	99
15) Methyl Acetate	2.442	43	138186	45.62	ug/L	90
16) Methylene chloride	2.510	84	176422	46.15	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	177544	47.51	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	630950	47.09	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	311469	48.11	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	193467	47.08	ug/L	98
22) 2-Butanone	3.992	43	213904	89.37	ug/L	98
23) Bromochloromethane	4.256	128	110730	47.04	ug/L #	83
25) Chloroform	4.381	83	400450	46.97	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

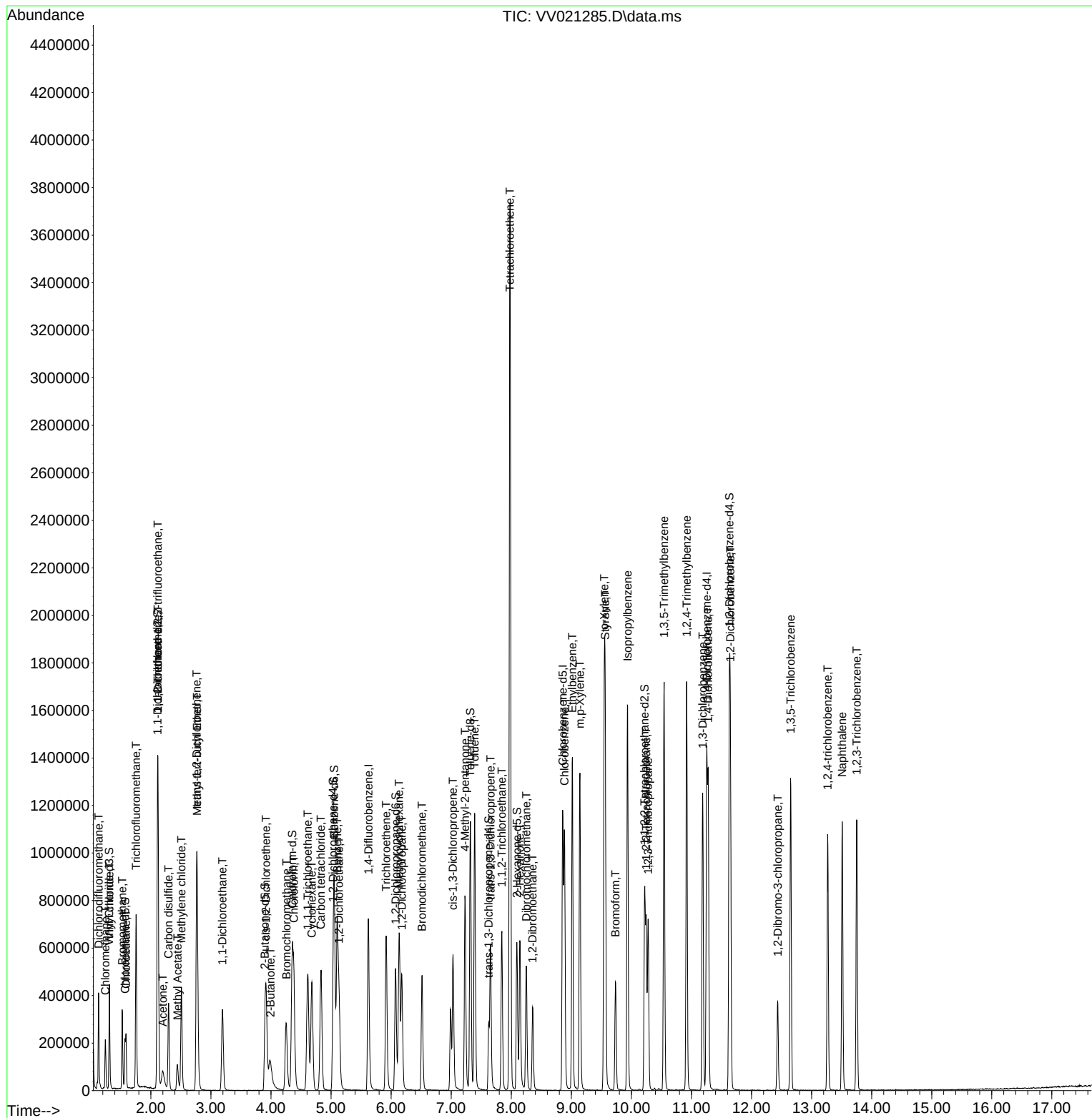
27) 1,2-Dichloroethane	5.134	62	354674	45.65	ug/L	97
29) Cyclohexane	4.680	56	207041	41.91	ug/L #	81
30) 1,1,1-Trichloroethane	4.613	97	408756	44.51	ug/L	99
31) Carbon tetrachloride	4.831	117	367286	43.02	ug/L	97
33) Benzene	5.101	78	679569	45.19	ug/L	100
34) Trichloroethene	5.918	95	207787	42.95	ug/L	96
35) Methylcyclohexane	6.133	83	276814	43.81	ug/L	95
37) 1,2-Dichloropropane	6.178	63	138798	43.72	ug/L #	94
38) Bromodichloromethane	6.513	83	298984	44.39	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	290225	46.85	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	437085	97.17	ug/L #	93
42) Toluene	7.391	91	807890	46.10	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	319075	47.22	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	188285	46.22	ug/L	94
46) Tetrachloroethene	7.979	164	778676	187.28	ug/L	96
48) 2-Hexanone	8.143	43	351133	97.17	ug/L	92
49) Dibromochloromethane	8.249	129	260597	45.09	ug/L	99
50) 1,2-Dibromoethane	8.355	107	206846	45.08	ug/L #	98
51) Chlorobenzene	8.886	112	549244	45.34	ug/L	98
52) Ethylbenzene	9.018	91	926975	45.79	ug/L	99
53) m,p-Xylene	9.143	106	360522	45.36	ug/L	97
54) o-Xylene	9.548	106	358601	46.80	ug/L	98
55) Styrene	9.564	104	616947	47.30	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.246	83	260988	47.40	ug/L #	95
59) Bromoform	9.735	173	198885	43.41	ug/L	98
60) Isopropylbenzene	9.937	105	978362	44.74	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	248923	44.48	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	877813	45.83	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	889885	46.30	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	491636	46.30	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	474996	43.69	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	498726	46.50	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	90423	46.46	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	383481	46.63	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	314776	47.02	ug/L	97
71) Naphthalene	13.509	128	851981	46.33	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	323591	47.76	ug/L	98

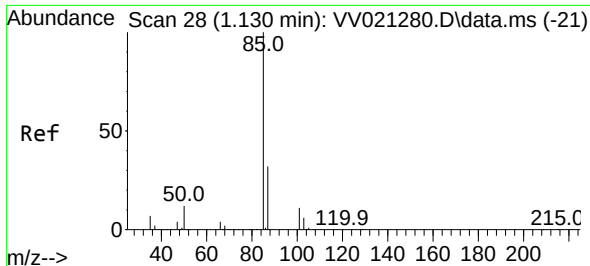
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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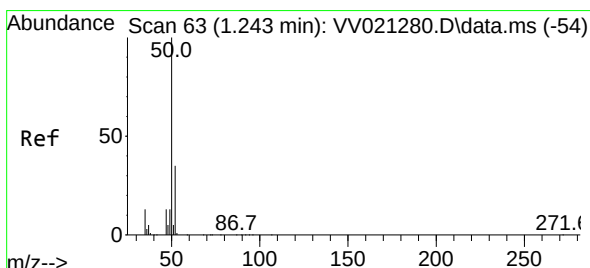
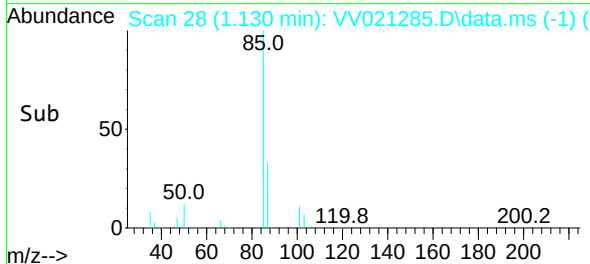
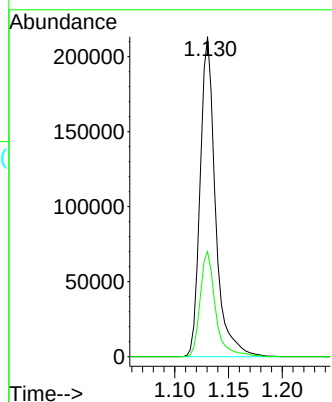
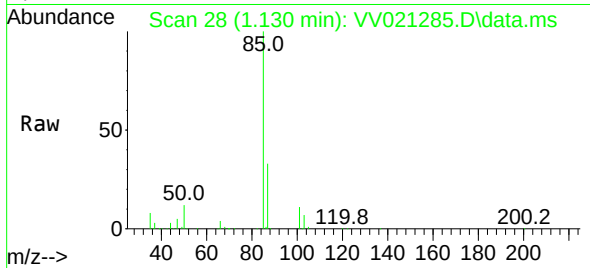




#2
Dichlorodifluoromethane
Concen: 43.96 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

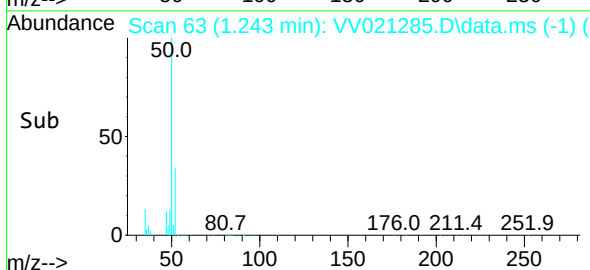
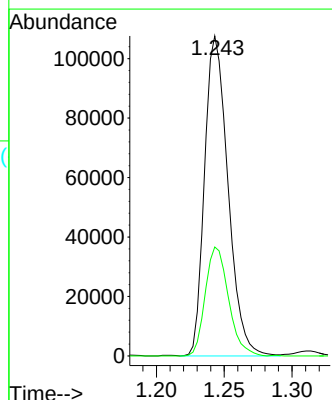
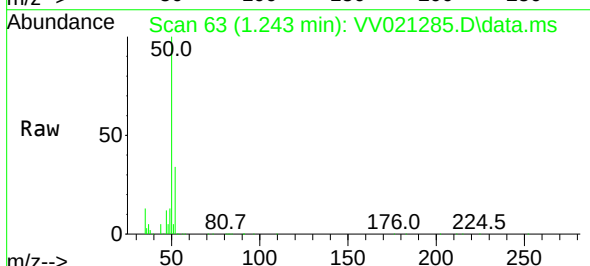
Instrument :
MSVOA_V
ClientSampled :

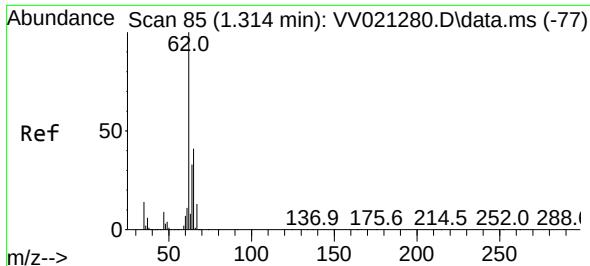
Tgt Ion: 85 Resp: 211543
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 44.80 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 50 Resp: 129621
Ion Ratio Lower Upper
50 100
52 34.1 22.7 42.1

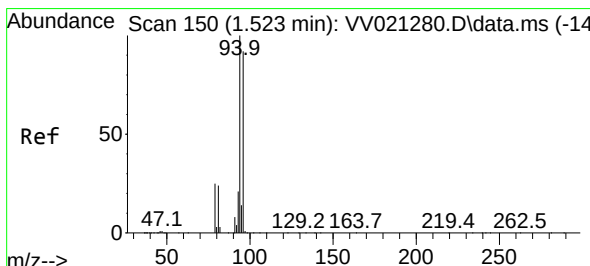
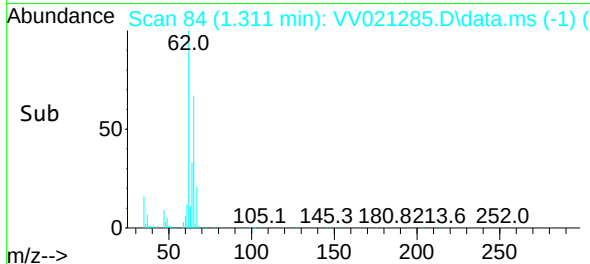
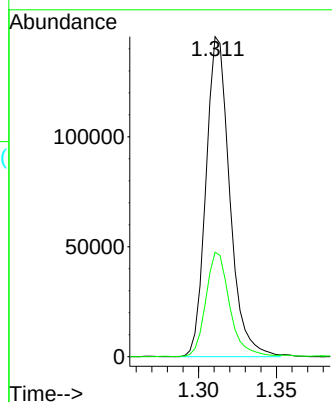
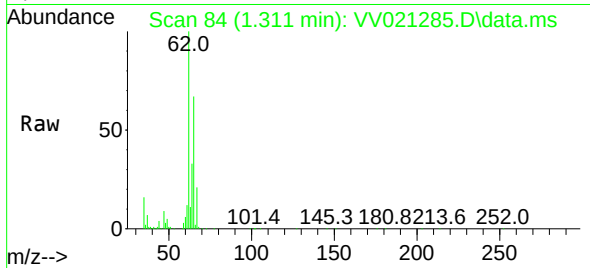




#5
 Vinyl chloride
 Concen: 42.82 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021285.D
 Acq: 05 May 2021 12:09

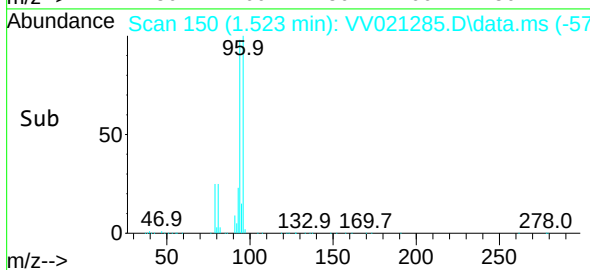
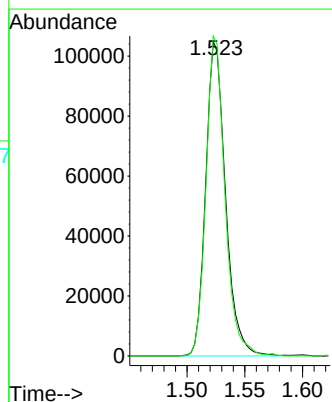
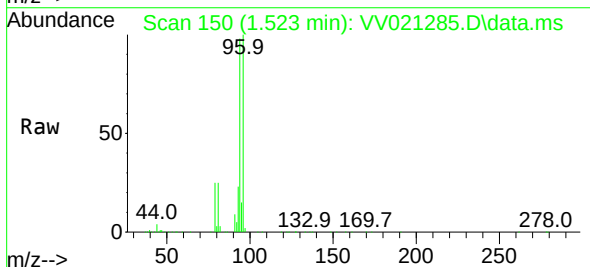
Instrument :
 MSVOA_V
 ClientSampled :

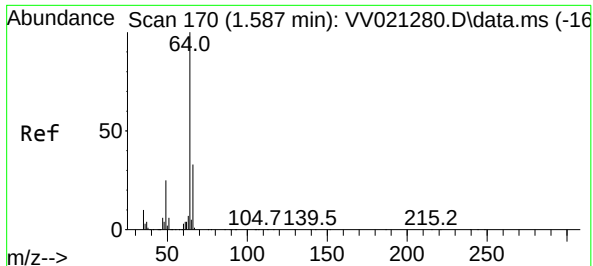
Tgt Ion: 62 Resp: 154413
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 44.17 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV021285.D
 Acq: 05 May 2021 12:09

Tgt Ion: 94 Resp: 125321
 Ion Ratio Lower Upper
 94 100
 96 101.8 65.7 122.1

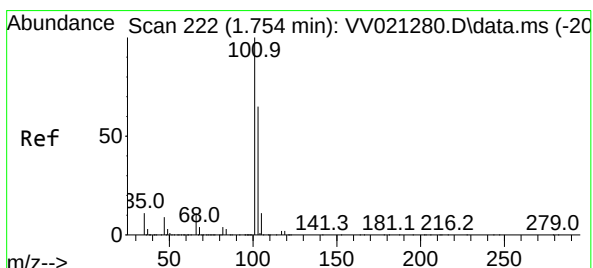
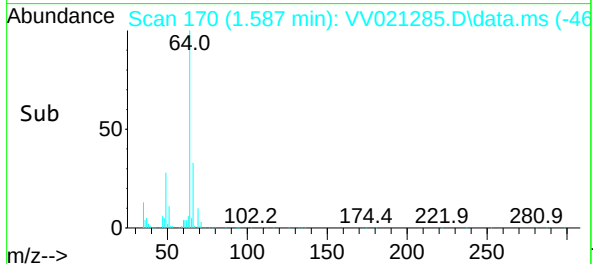
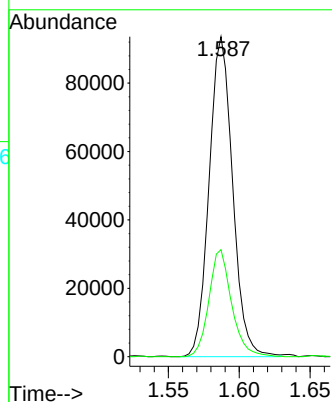
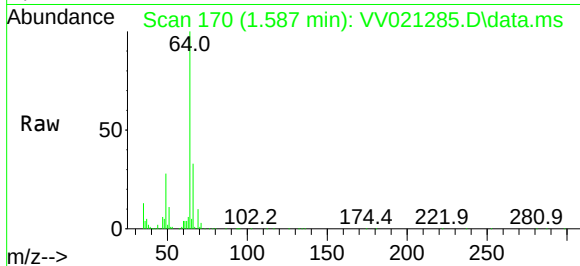




#8
Chloroethane
Concen: 46.36 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

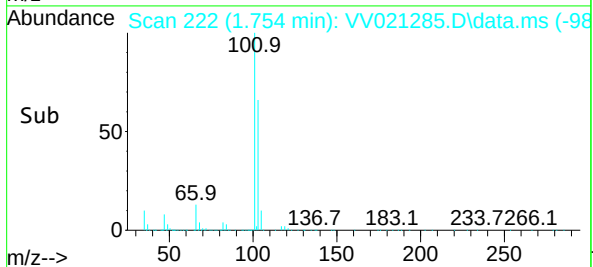
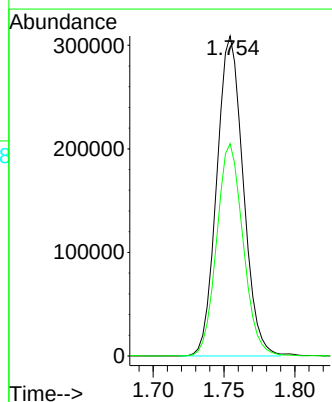
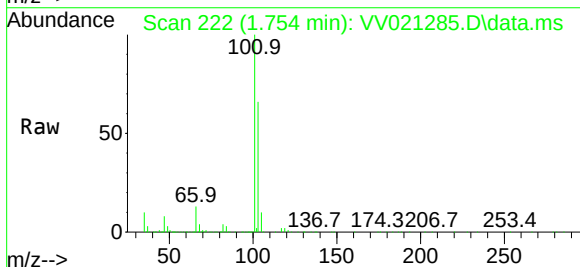
Instrument :
MSVOA_V
ClientSampled :

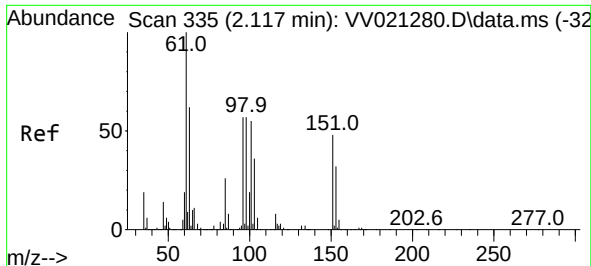
Tgt Ion: 64 Resp: 108008
Ion Ratio Lower Upper
64 100
66 33.5 23.7 43.9



#9
Trichlorofluoromethane
Concen: 42.45 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 101 Resp: 401525
Ion Ratio Lower Upper
101 100
103 66.2 53.0 79.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 44.78 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV021285.D

Acq: 05 May 2021 12:09

Tgt Ion:101 Resp: 187000

Ion Ratio Lower Upper

101 100

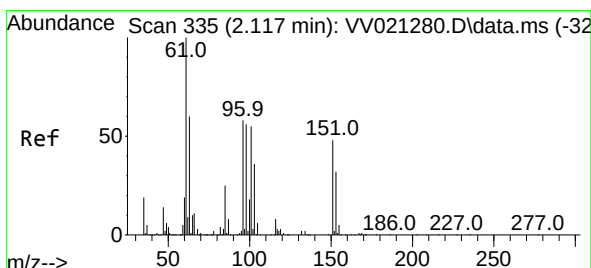
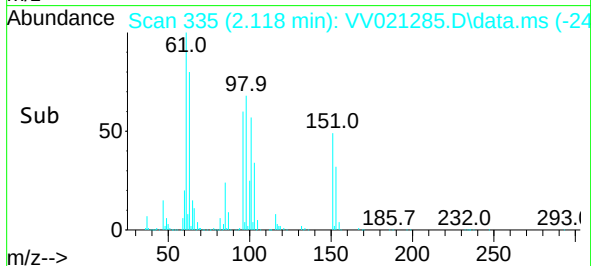
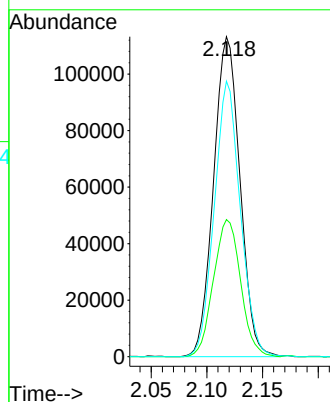
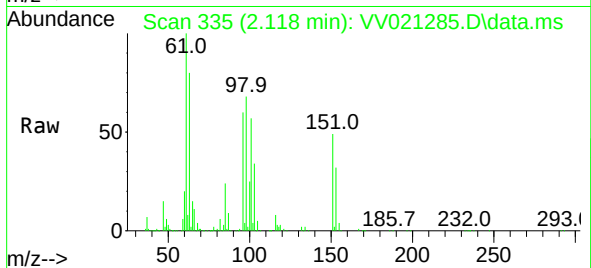
85 43.9 35.4 53.2

151 84.9 63.9 95.9

Instrument :

MSVOA_V

ClientSampled :



#12

1,1-Dichloroethene

Concen: 44.84 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV021285.D

Acq: 05 May 2021 12:09

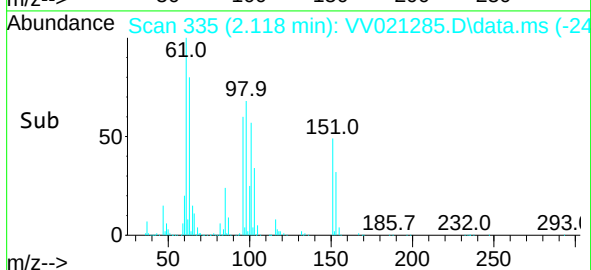
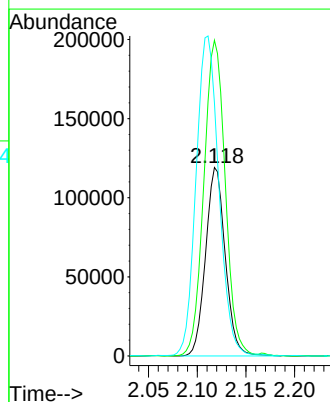
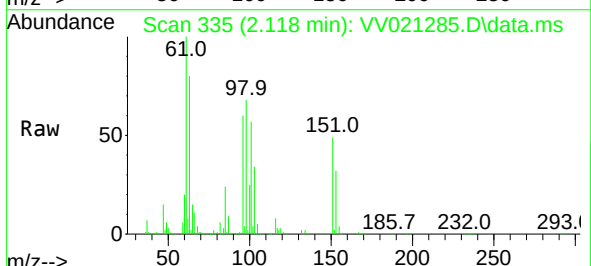
Tgt Ion: 96 Resp: 167339

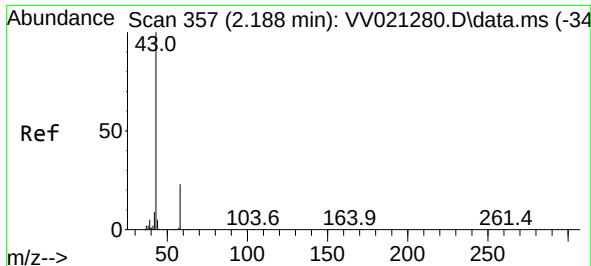
Ion Ratio Lower Upper

96 100

61 167.5 121.4 225.6

63 134.4 98.1 182.1

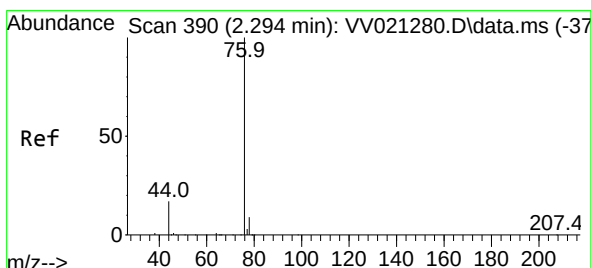
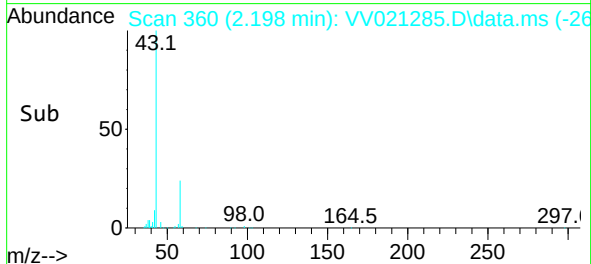
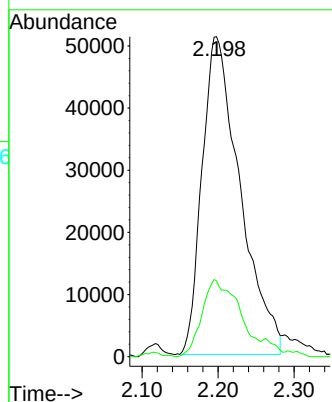
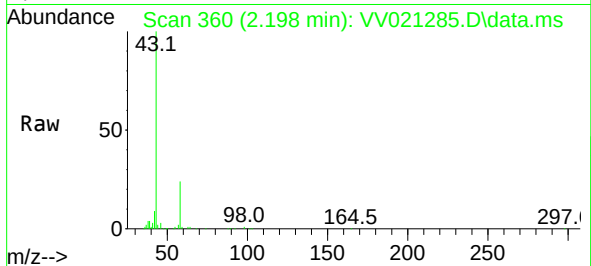




#13
Acetone
Concen: 70.87 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.010 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

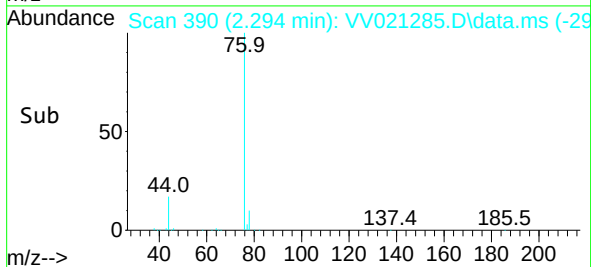
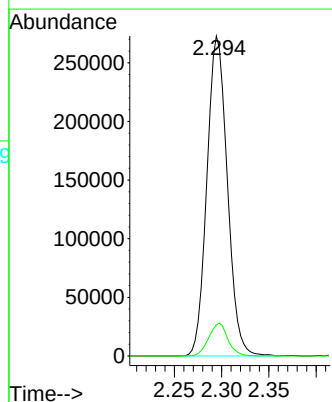
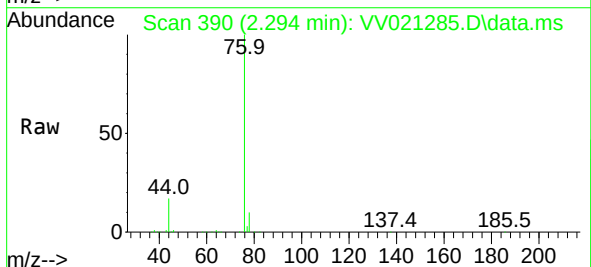
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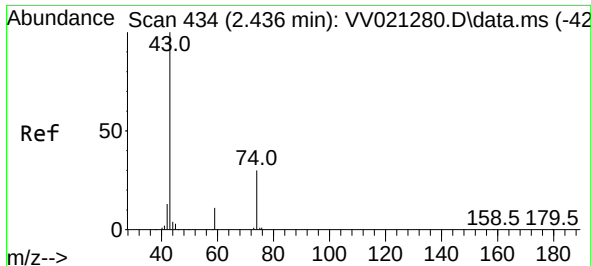
Tgt Ion: 43 Resp: 177715
Ion Ratio Lower Upper
43 100
58 13.4 0.0 30.8



#14
Carbon disulfide
Concen: 43.80 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 76 Resp: 410109
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

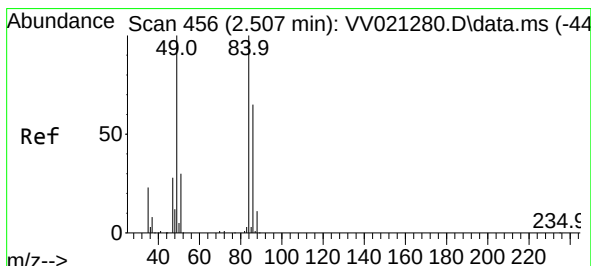
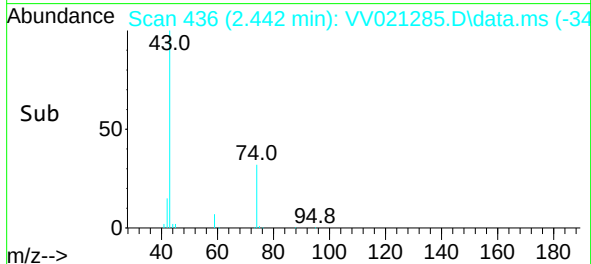
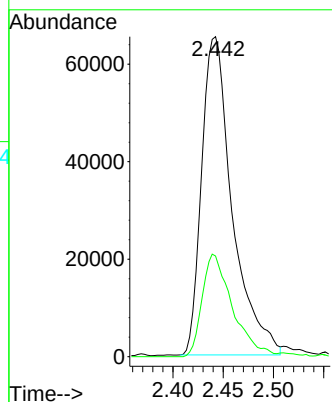
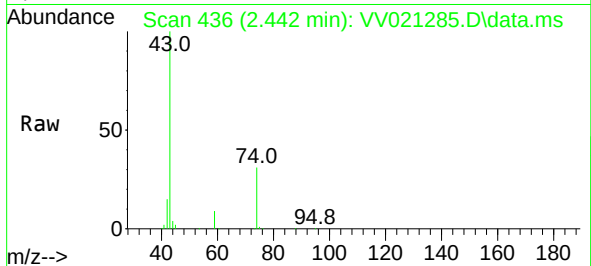




#15
Methyl Acetate
Concen: 45.62 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.007 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

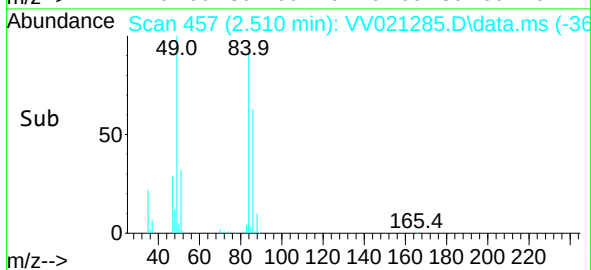
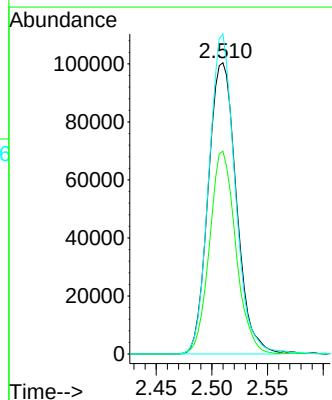
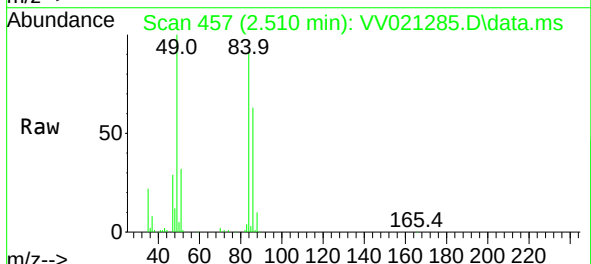
Instrument :
MSVOA_V
ClientSampled :

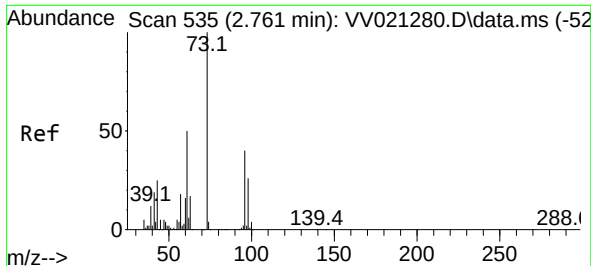
Tgt Ion: 43 Resp: 138186
Ion Ratio Lower Upper
43 100
74 31.8 21.2 31.8



#16
Methylene chloride
Concen: 46.15 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

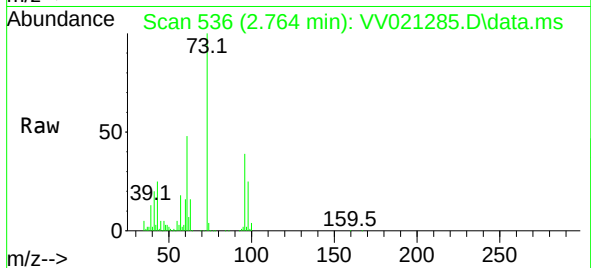
Tgt Ion: 84 Resp: 176422
Ion Ratio Lower Upper
84 100
86 69.6 44.9 83.5
49 109.9 78.1 145.1



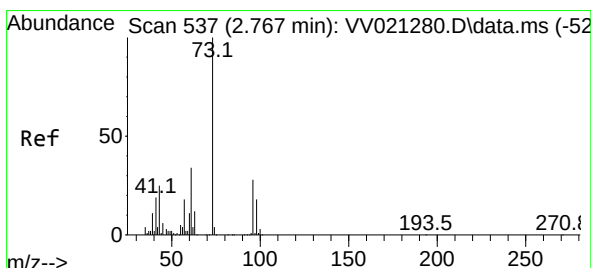
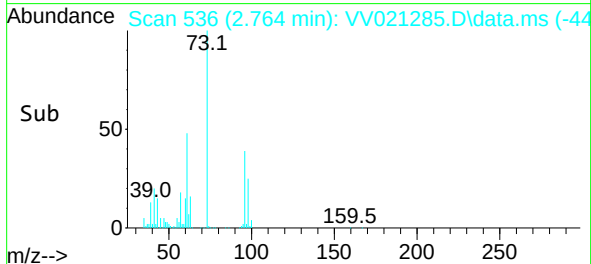
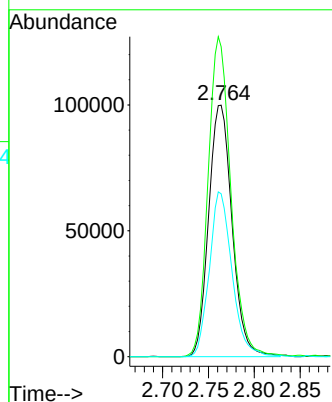


#17
trans-1,2-Dichloroethene
Concen: 47.51 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

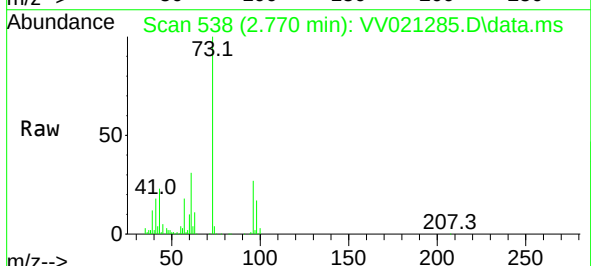
Instrument :
MSVOA_V
ClientSampleId :



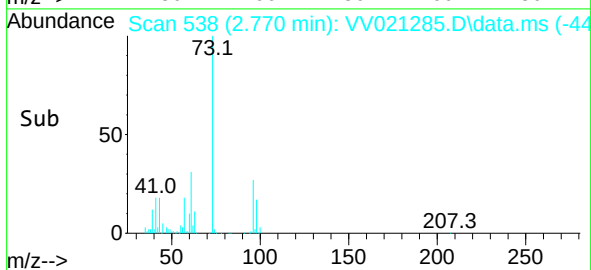
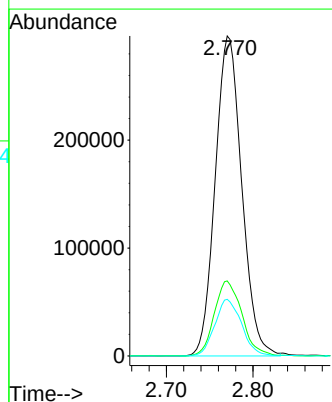
Tgt Ion: 96 Resp: 177544
Ion Ratio Lower Upper
96 100
61 123.2 89.3 165.9
98 64.8 44.1 81.9

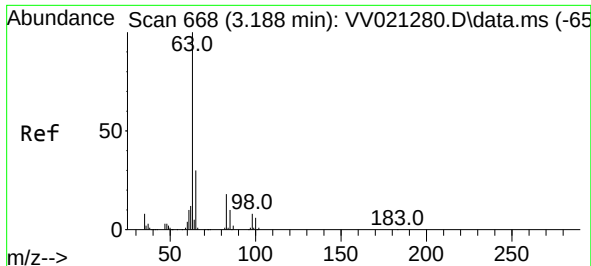


#18
Methyl tert-butyl Ether
Concen: 47.09 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09



Tgt Ion: 73 Resp: 630950
Ion Ratio Lower Upper
73 100
43 24.4 14.7 22.1#
57 17.9 15.9 23.9





#19

1,1-Dichloroethane

Concen: 48.11 ug/L

RT: 3.191 min Scan# 669

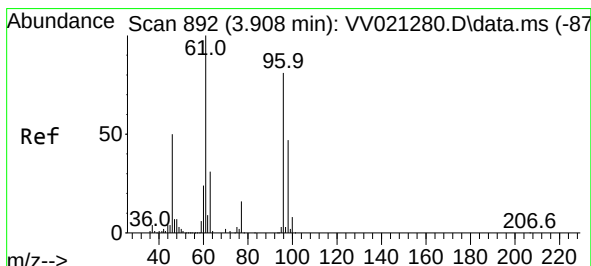
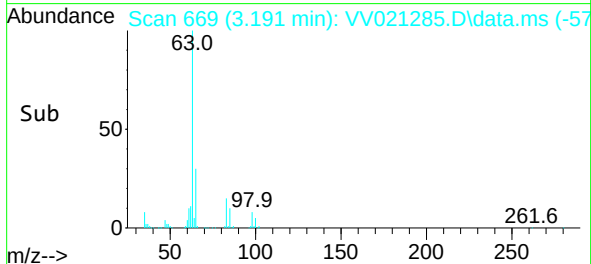
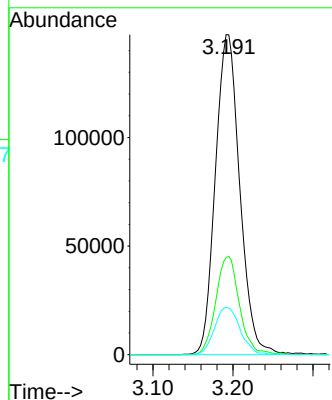
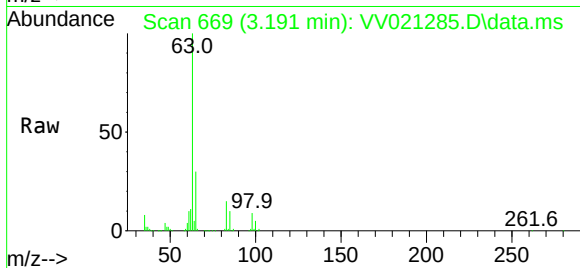
Delta R.T. 0.003 min

Lab File: VV021285.D

Acq: 05 May 2021 12:09

Tgt Ion: 63 Resp: 311469

Ion	Ratio	Lower	Upper
63	100		
65	30.3	21.9	40.7
83	14.7	10.6	19.6



#20

cis-1,2-Dichloroethene

Concen: 47.08 ug/L

RT: 3.918 min Scan# 895

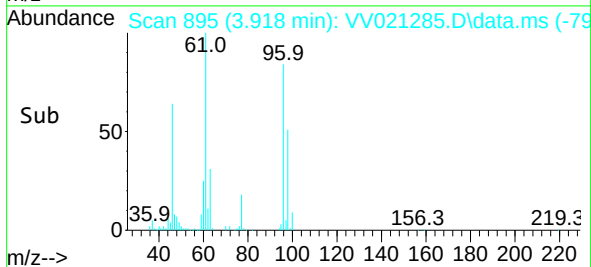
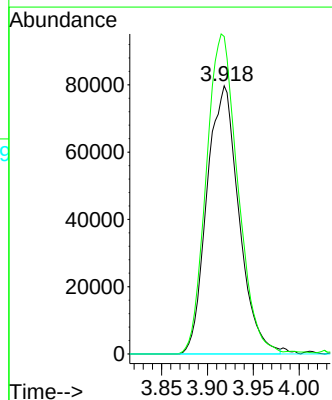
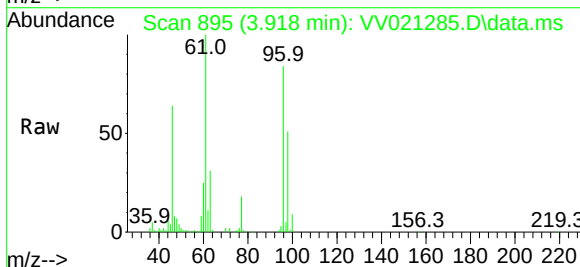
Delta R.T. 0.010 min

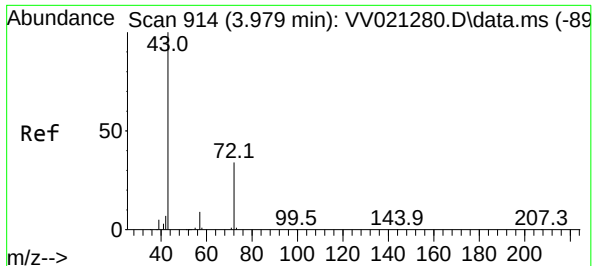
Lab File: VV021285.D

Acq: 05 May 2021 12:09

Tgt Ion: 96 Resp: 193467

Ion	Ratio	Lower	Upper
96	100		
61	118.4	84.4	156.7
68	0.0	0.0	0.0

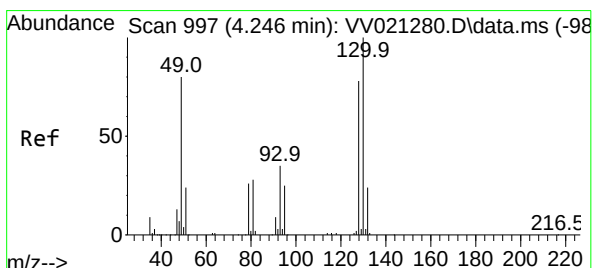
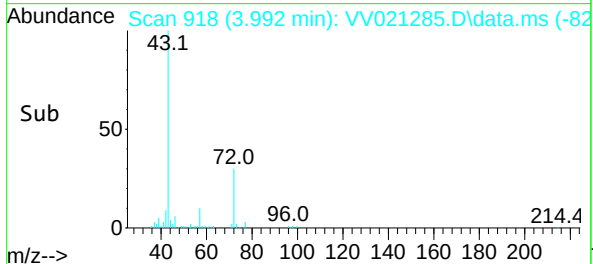
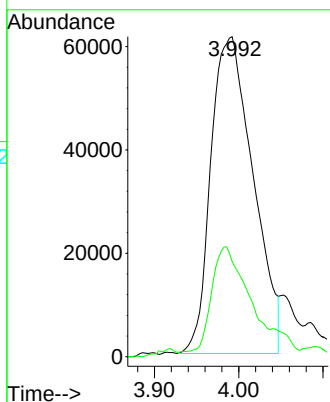
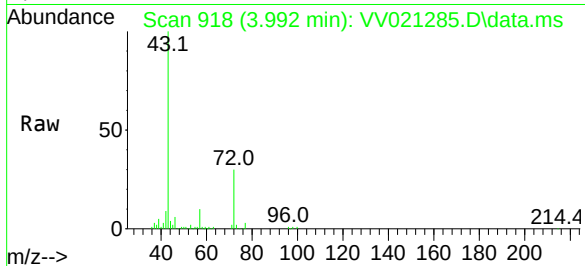




#22
2-Butanone
Concen: 89.37 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.013 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

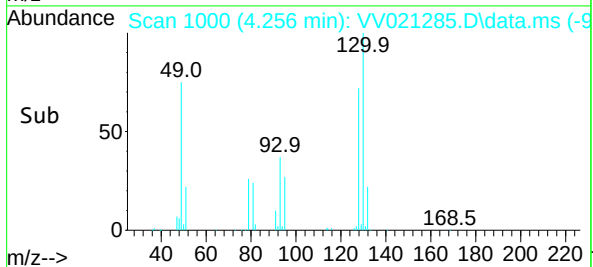
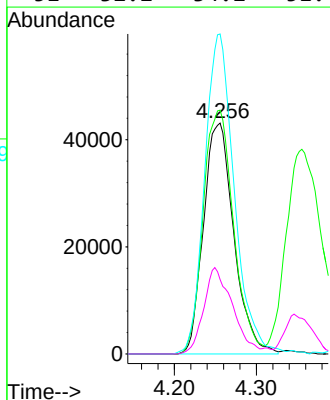
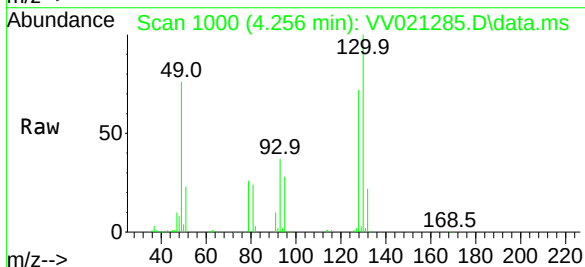
Instrument :
MSVOA_V
ClientSampled :

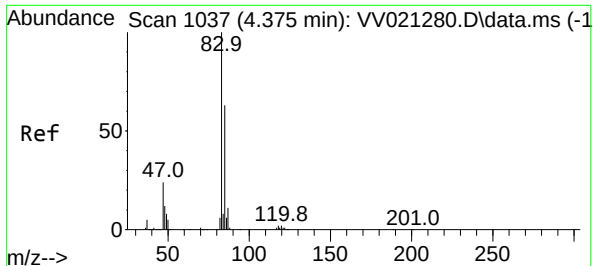
Tgt Ion: 43 Resp: 213904
Ion Ratio Lower Upper
43 100
72 27.5 13.2 39.6



#23
Bromochloromethane
Concen: 47.04 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.010 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 128 Resp: 110730
Ion Ratio Lower Upper
128 100
49 105.6 91.3 169.6
130 138.6 86.8 161.2
51 32.2 34.2 51.4#





#25

Chloroform

Concen: 46.97 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.007 min

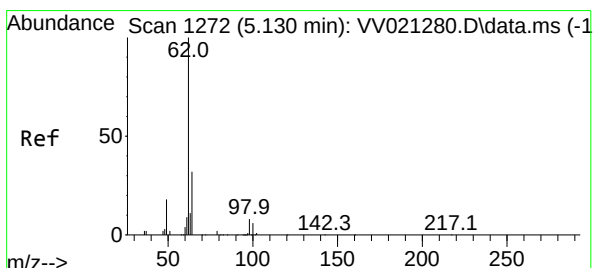
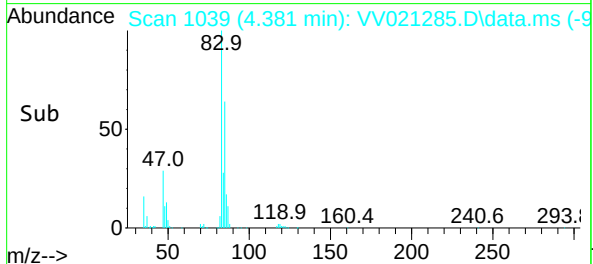
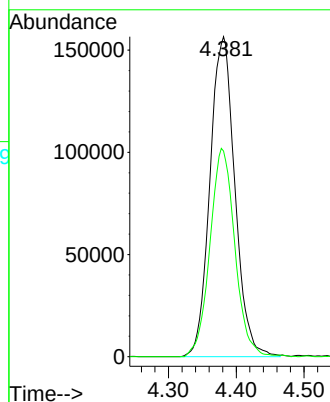
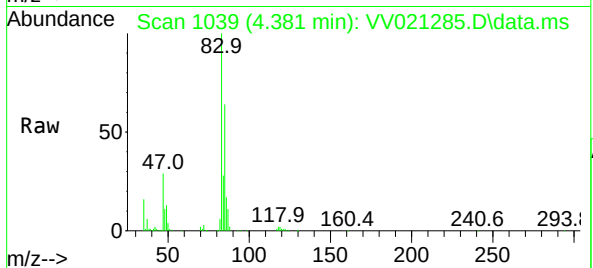
Lab File: VV021285.D

Acq: 05 May 2021 12:09

Tgt Ion: 83 Resp: 400450

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.6	84.6

Instrument :
MSVOA_V
ClientSampled :



#27

1,2-Dichloroethane

Concen: 45.65 ug/L

RT: 5.134 min Scan# 1273

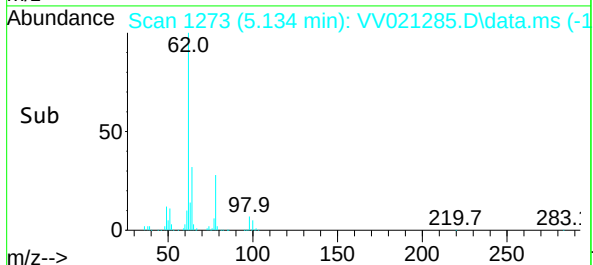
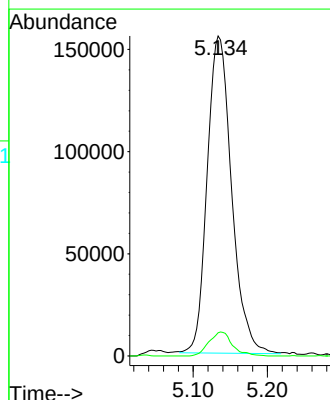
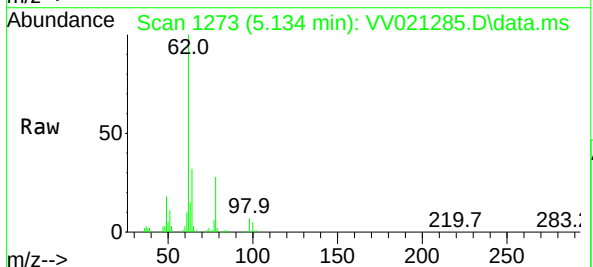
Delta R.T. 0.003 min

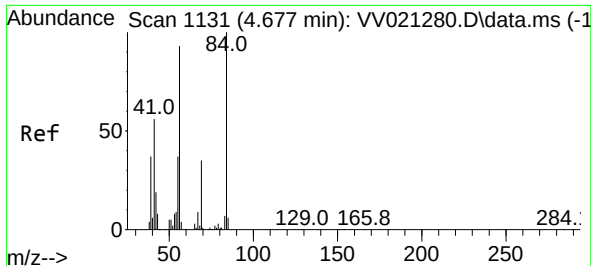
Lab File: VV021285.D

Acq: 05 May 2021 12:09

Tgt Ion: 62 Resp: 354674

Ion	Ratio	Lower	Upper
62	100		
98	7.3	6.7	10.1





#29

Cyclohexane

Concen: 41.91 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV021285.D

Acq: 05 May 2021 12:09

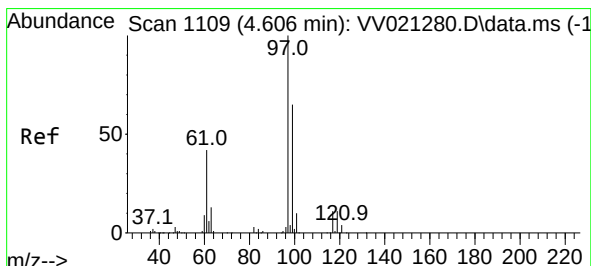
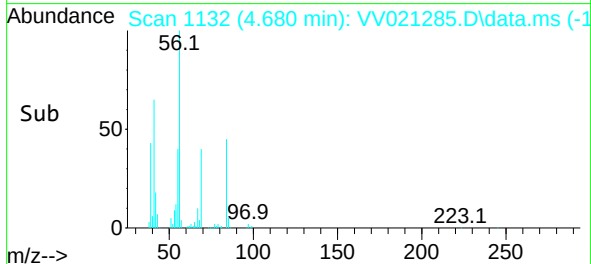
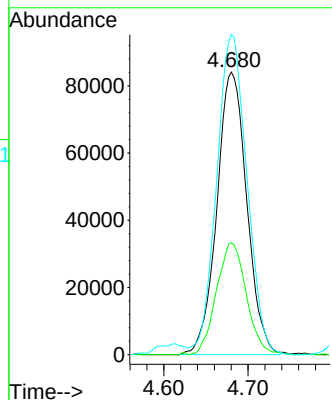
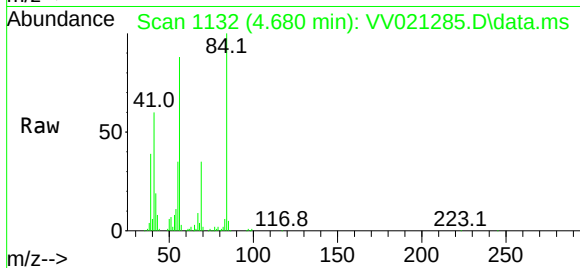
Tgt Ion: 56 Resp: 207041

Ion Ratio Lower Upper

56 100

69 39.3 25.7 38.5#

84 115.0 75.7 113.5#



#30

1,1,1-Trichloroethane

Concen: 44.51 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV021285.D

Acq: 05 May 2021 12:09

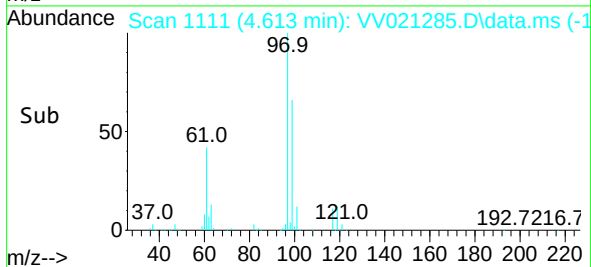
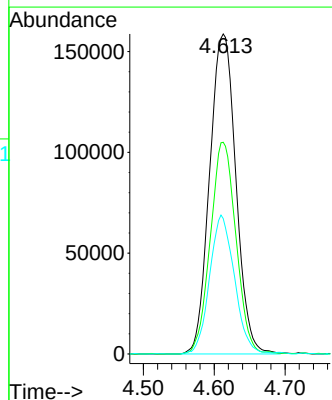
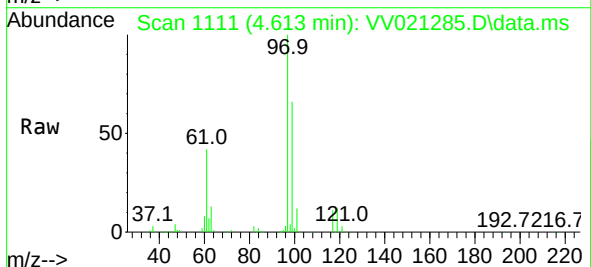
Tgt Ion: 97 Resp: 408756

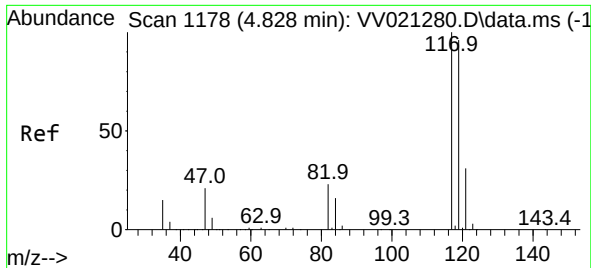
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 40.9 32.1 48.1

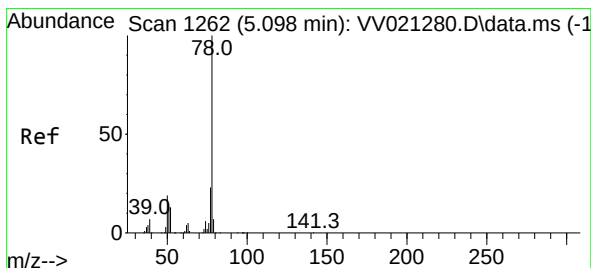
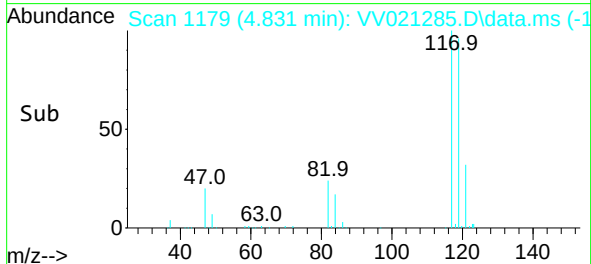
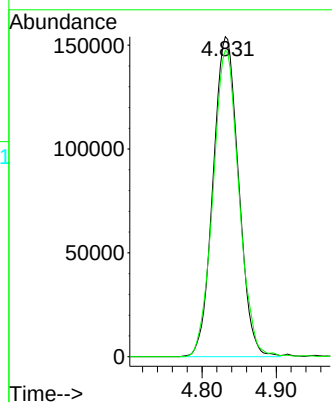
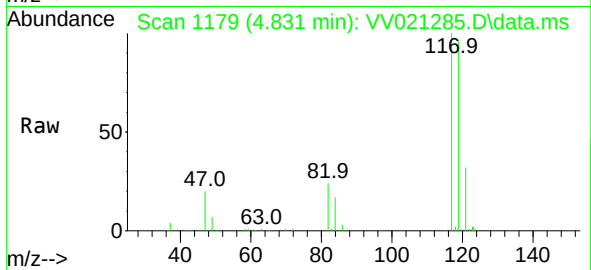




#31
Carbon tetrachloride
Concen: 43.02 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

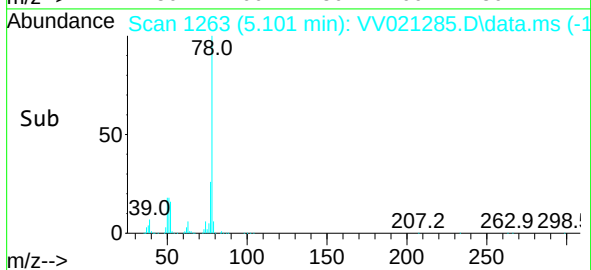
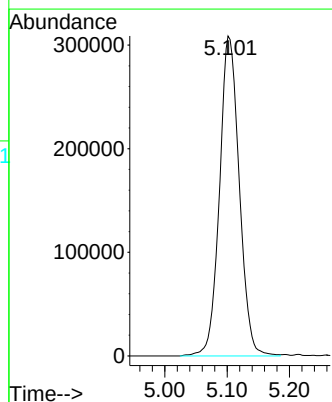
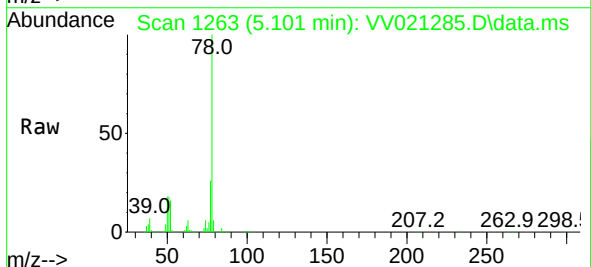
Instrument :
MSVOA_V
ClientSampled :

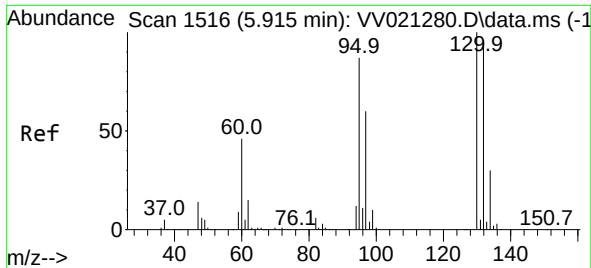
Tgt Ion:117 Resp: 367286
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.2



#33
Benzene
Concen: 45.19 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 78 Resp: 679569



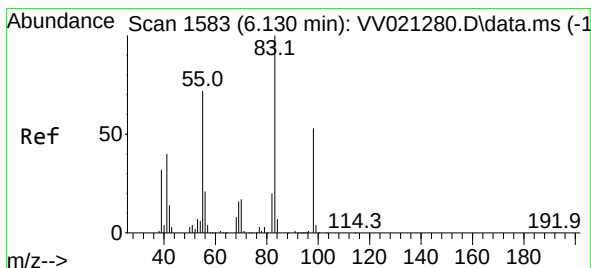
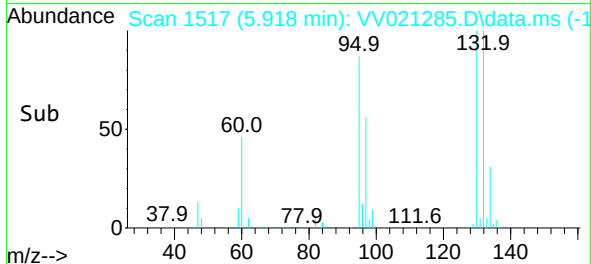
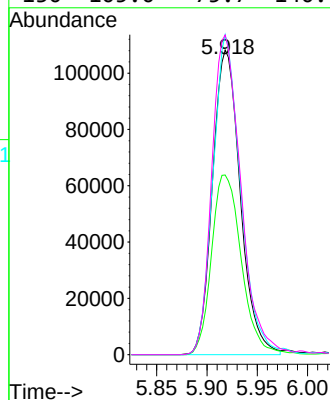
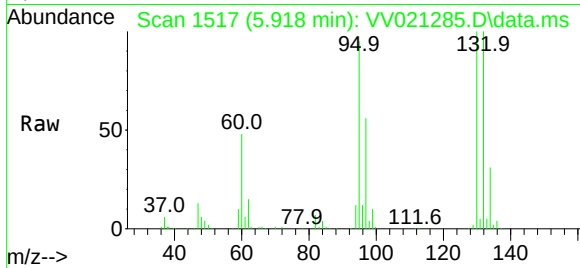


#34
Trichloroethene
Concen: 42.95 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 207787

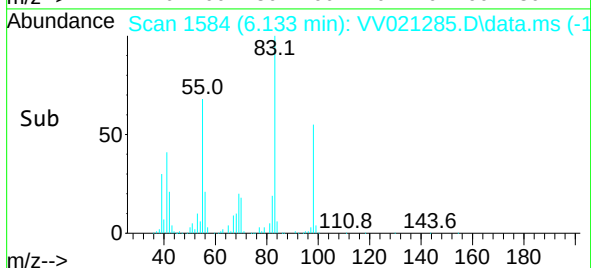
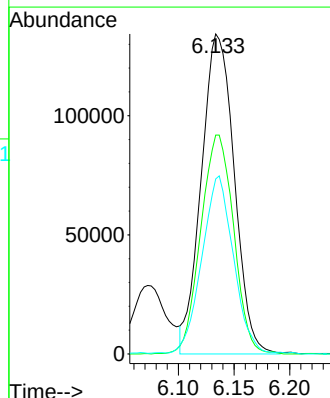
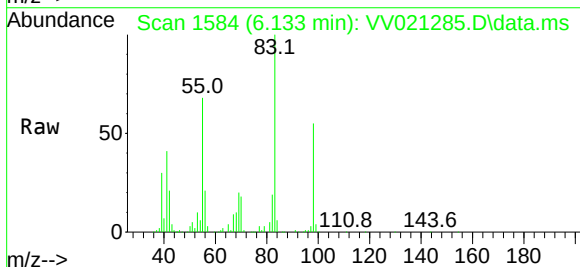
Ion	Ratio	Lower	Upper
95	100		
97	59.0	45.5	84.5
132	105.1	71.0	131.8
130	105.0	75.7	140.7

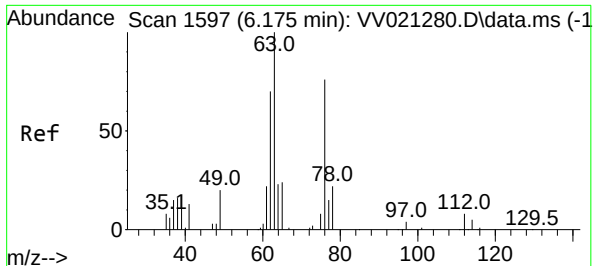


#35
Methylcyclohexane
Concen: 43.81 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 83 Resp: 276814

Ion	Ratio	Lower	Upper
83	100		
55	67.8	58.2	87.2
98	53.4	40.6	60.8





#37

1,2-Dichloropropane

Concen: 43.72 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.003 min

Lab File: VV021285.D

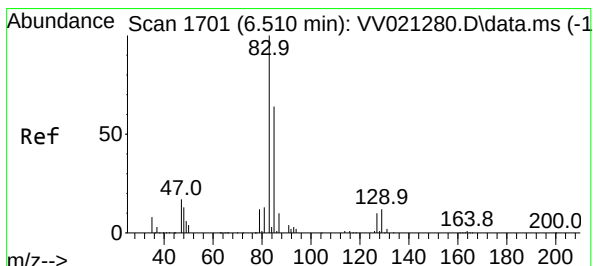
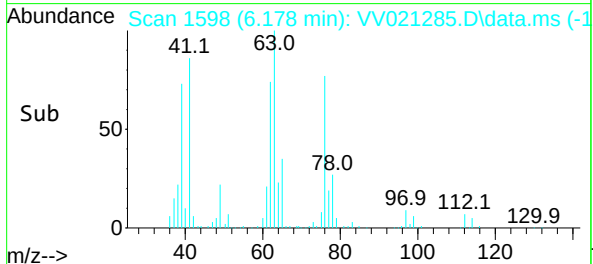
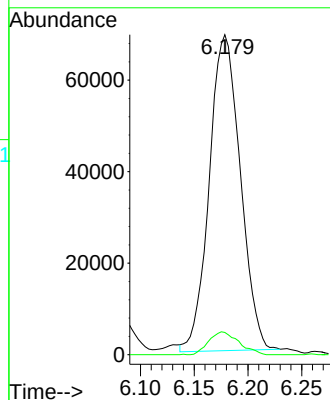
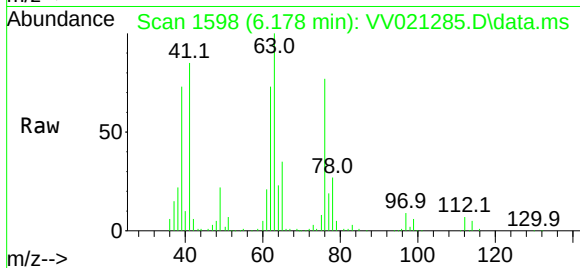
Acq: 05 May 2021 12:09

Tgt Ion: 63 Resp: 138798

Ion Ratio Lower Upper

63 100

112 7.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 44.39 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV021285.D

Acq: 05 May 2021 12:09

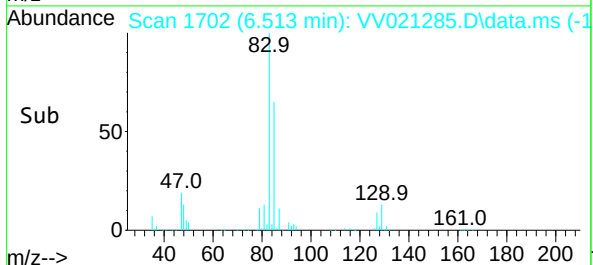
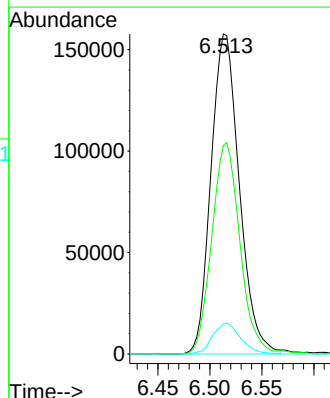
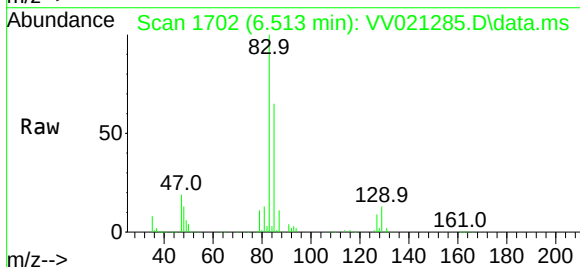
Tgt Ion: 83 Resp: 298984

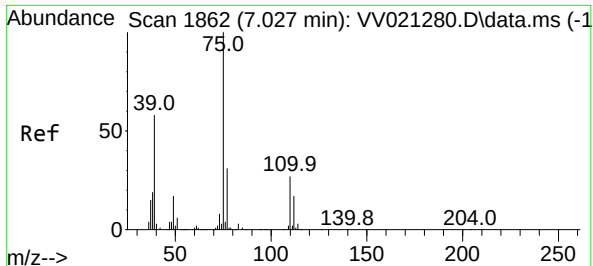
Ion Ratio Lower Upper

83 100

85 65.2 46.2 85.8

127 9.4 7.4 11.0

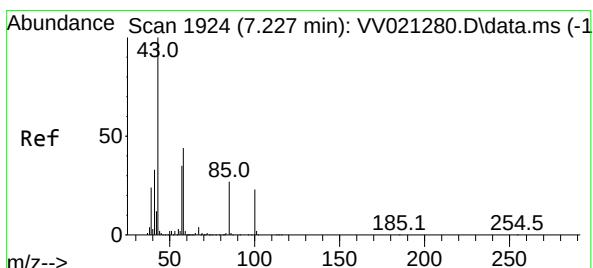
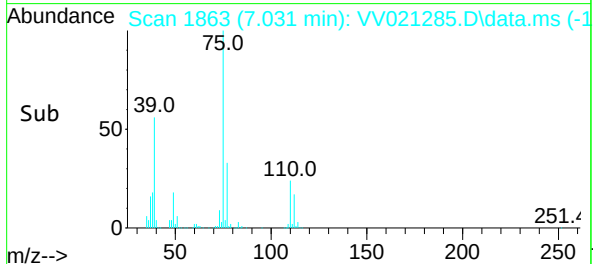
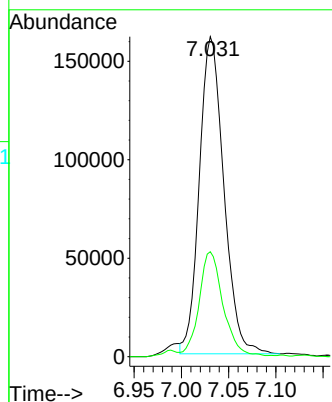
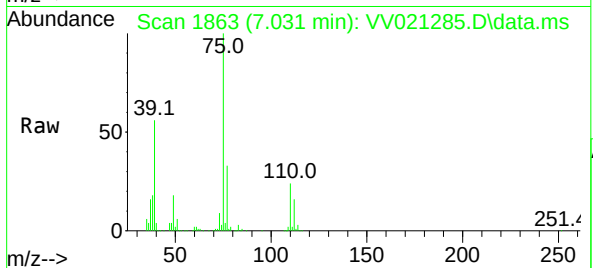




#39
 cis-1,3-Dichloropropene
 Concen: 46.85 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021285.D
 Acq: 05 May 2021 12:09

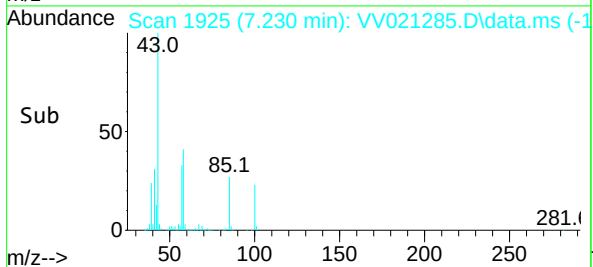
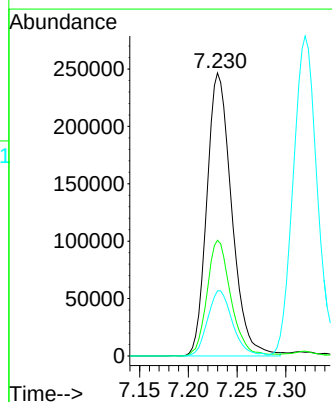
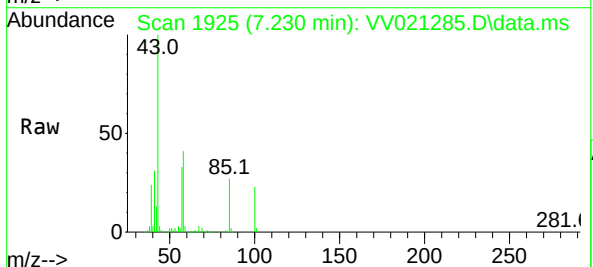
Instrument :
 MSVOA_V
 ClientSampled :

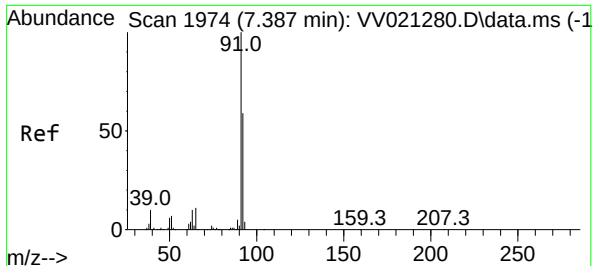
Tgt Ion: 75 Resp: 290225
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 97.17 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV021285.D
 Acq: 05 May 2021 12:09

Tgt Ion: 43 Resp: 437085
 Ion Ratio Lower Upper
 43 100
 58 39.2 34.5 51.7
 100 22.9 15.2 22.8#

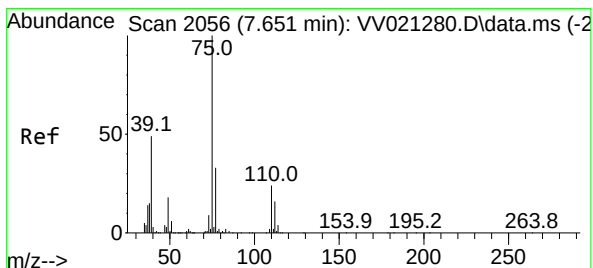
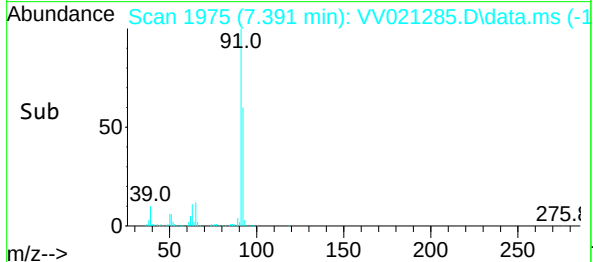
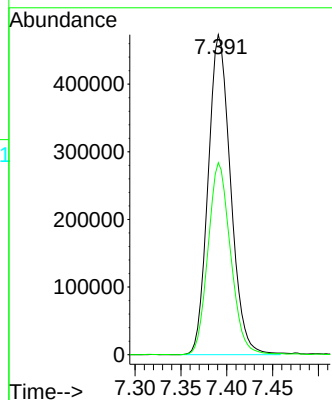
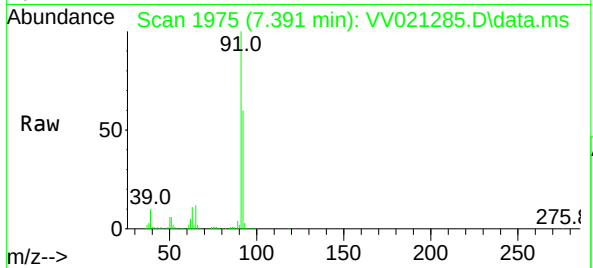




#42
Toluene
Concen: 46.10 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

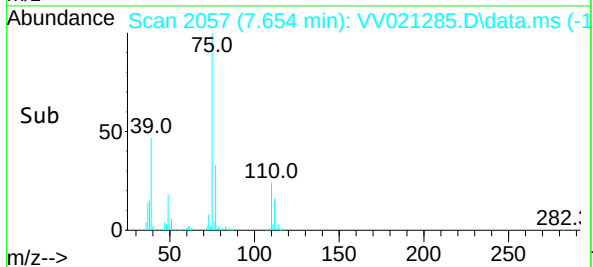
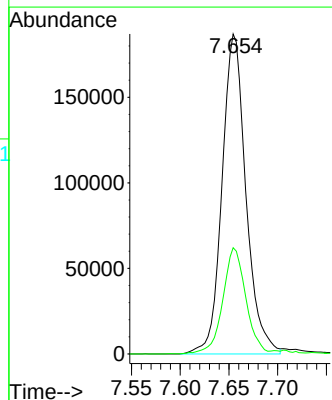
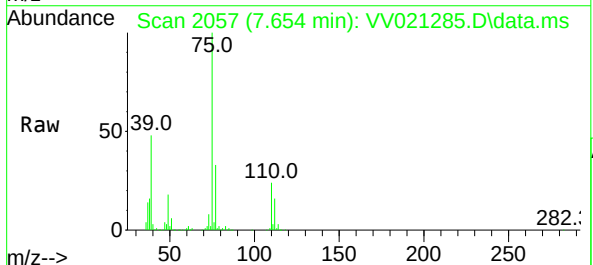
Instrument :
MSVOA_V
ClientSampled :

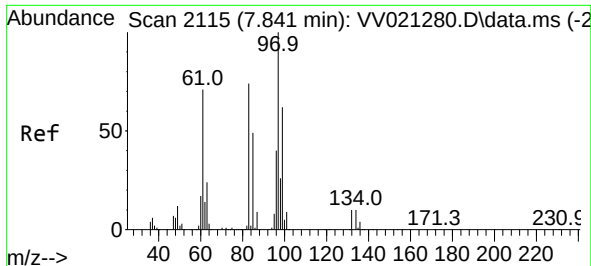
Tgt Ion: 91 Resp: 807890
Ion Ratio Lower Upper
91 100
92 60.0 41.0 76.2



#44
trans-1,3-Dichloropropene
Concen: 47.22 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 75 Resp: 319075
Ion Ratio Lower Upper
75 100
77 33.2 21.8 40.6

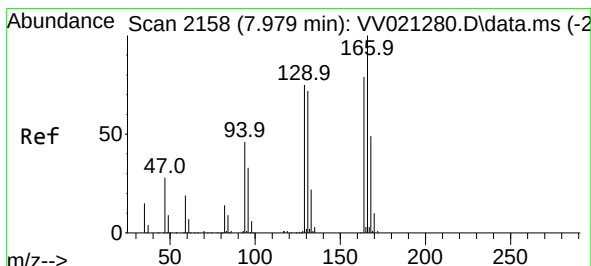
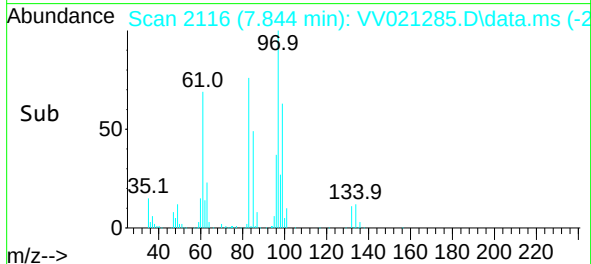
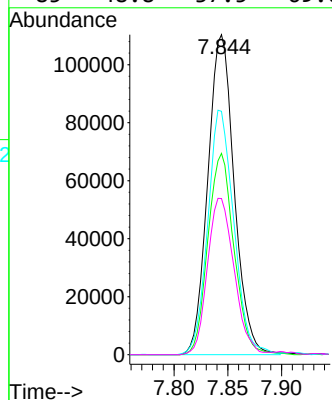
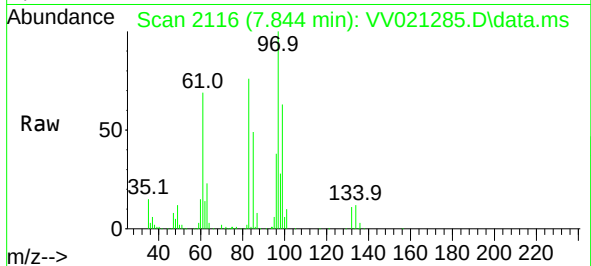




#45
1,1,2-Trichloroethane
Concen: 46.22 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

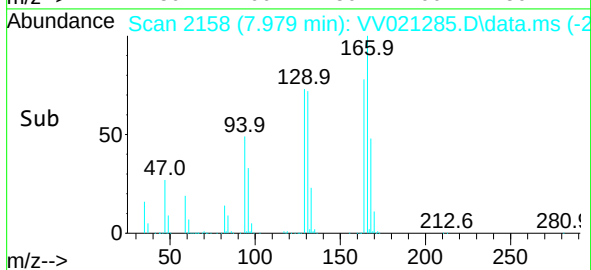
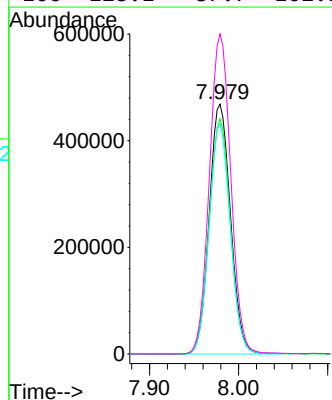
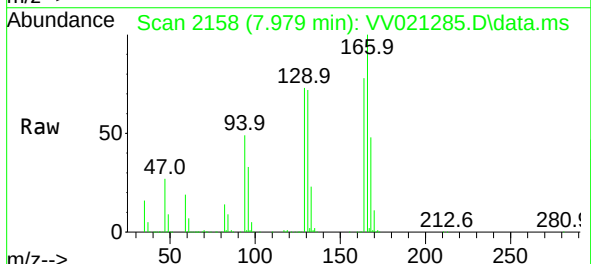
Instrument :
MSVOA_V
ClientSampled :

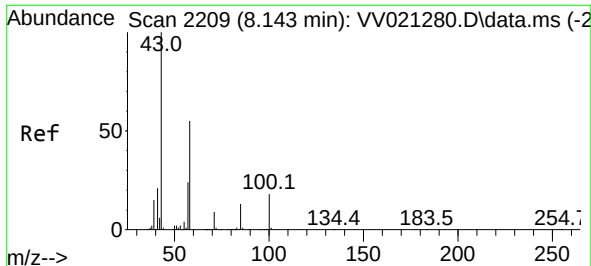
Tgt Ion: 97	Resp: 188285
Ion Ratio	Lower Upper
97 100	
99 62.9	43.7 81.1
83 76.0	59.6 110.6
85 48.8	37.5 69.6



#46
Tetrachloroethene
Concen: 187.28 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt	Ion:164	Resp:	778676
Ion	Ratio	Lower	Upper
164	100		
129	94.0	63.8	118.4
131	92.2	59.3	110.1
166	128.1	87.7	162.9



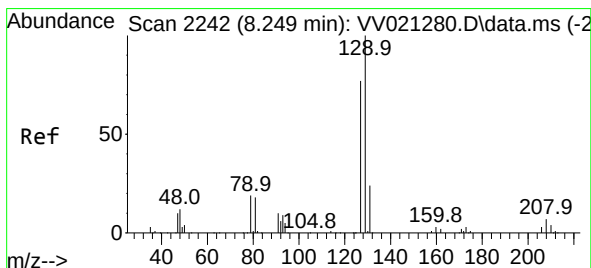
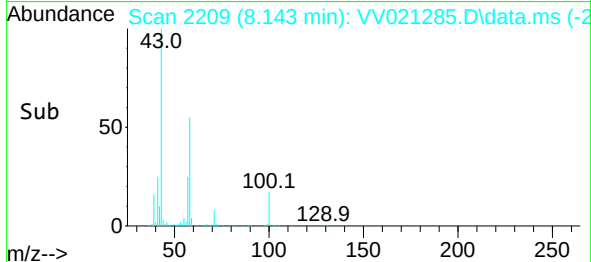
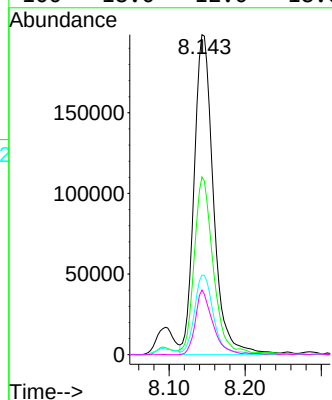
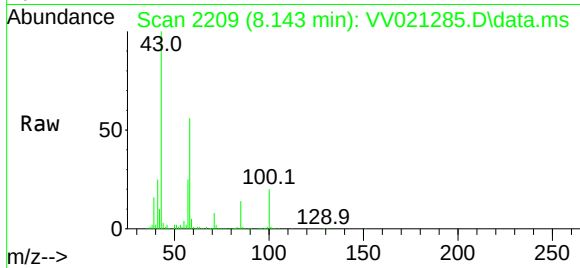


#48
2-Hexanone
Concen: 97.17 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 351133

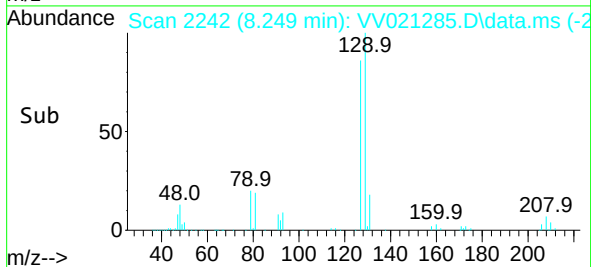
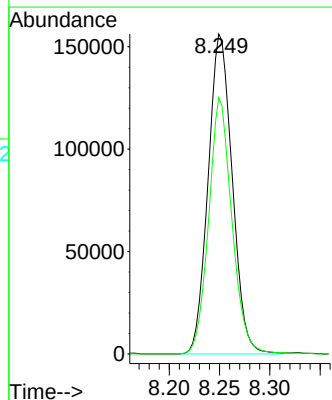
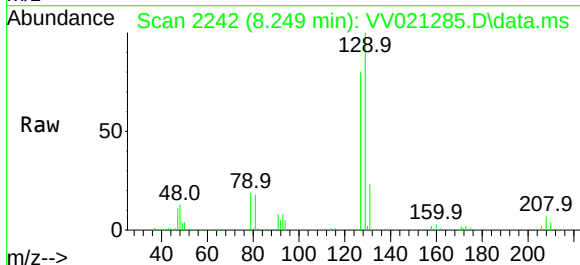
Ion	Ratio	Lower	Upper
43	100		
58	50.8	46.8	70.2
57	22.8	17.6	26.4
100	18.0	12.0	18.0

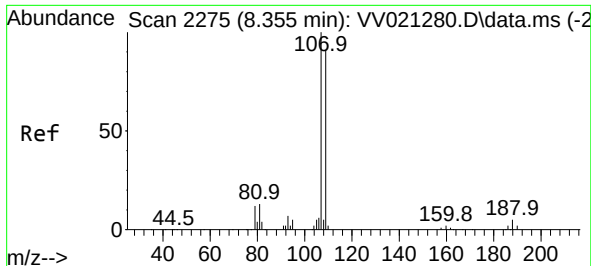


#49
Dibromochloromethane
Concen: 45.09 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 129 Resp: 260597

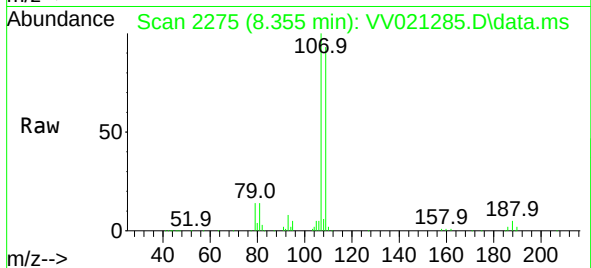
Ion	Ratio	Lower	Upper
129	100		
127	80.1	55.2	102.6



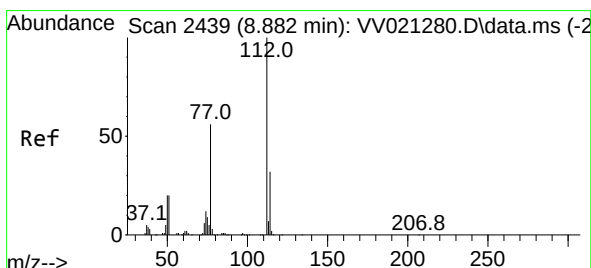
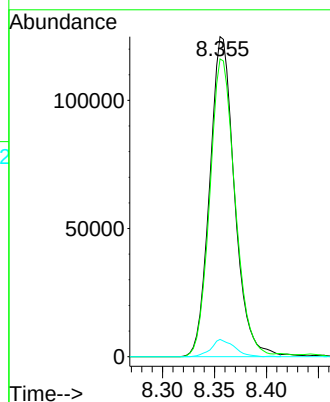
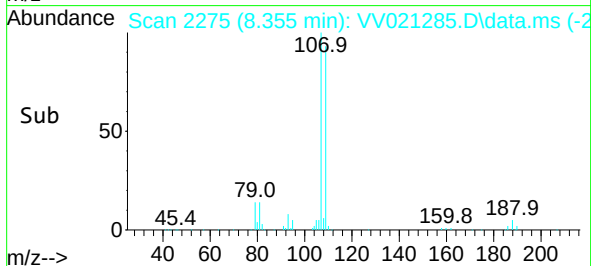


#50
1,2-Dibromoethane
Concen: 45.08 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

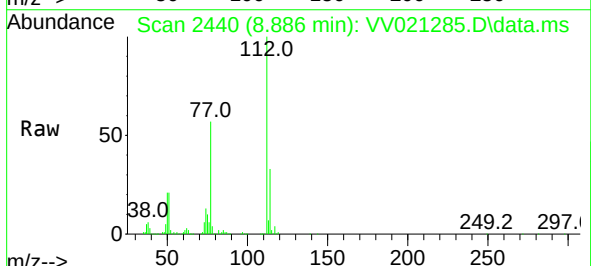
Instrument :
MSVOA_V
ClientSampled :



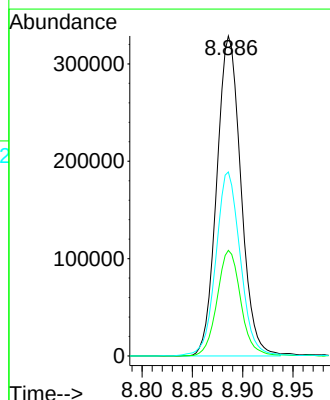
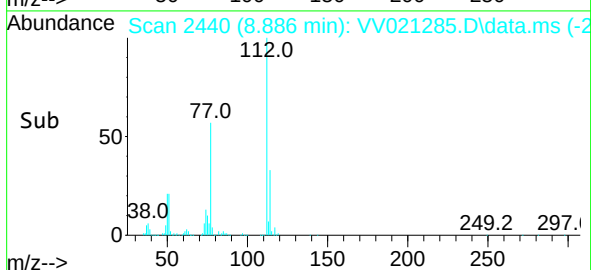
Tgt Ion:107 Resp: 206846
Ion Ratio Lower Upper
107 100
109 93.0 63.8 118.6
188 5.4 3.4 5.0#

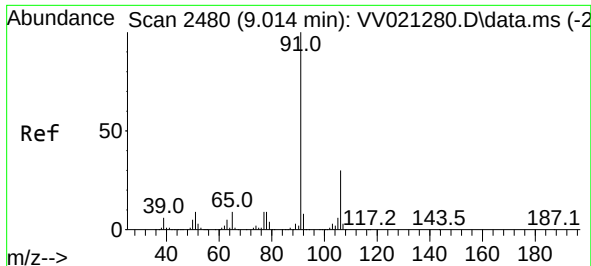


#51
Chlorobenzene
Concen: 45.34 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09



Tgt Ion:112 Resp: 549244
Ion Ratio Lower Upper
112 100
114 33.0 22.8 42.4
77 57.5 44.2 66.2

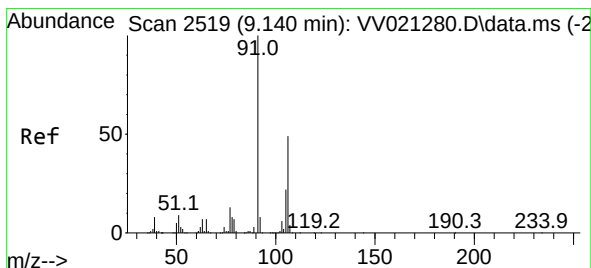
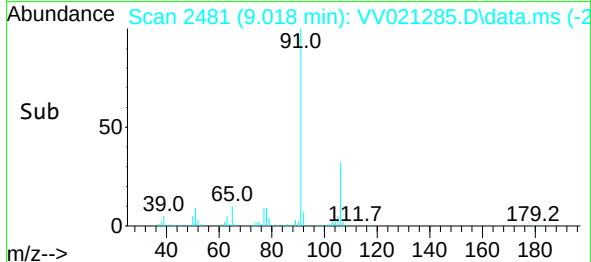
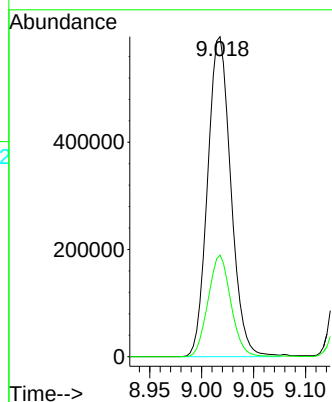
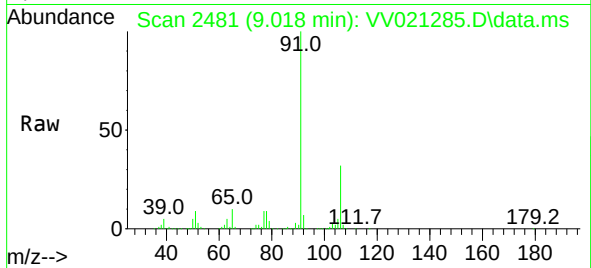




#52
Ethylbenzene
Concen: 45.79 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

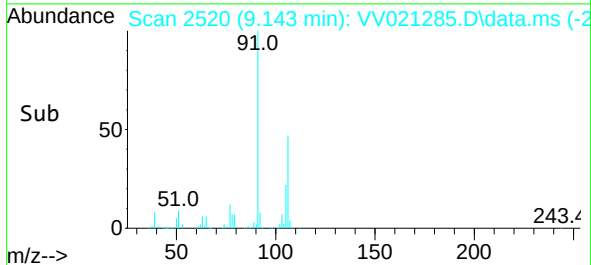
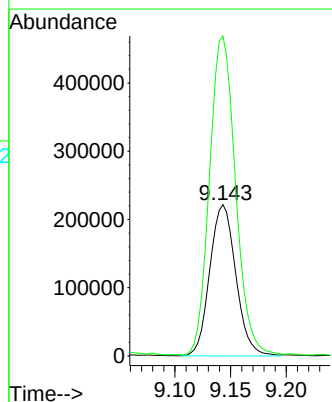
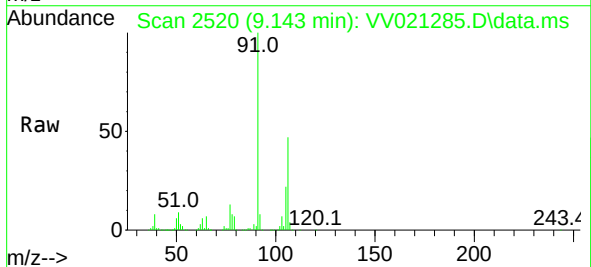
Instrument :
MSVOA_V
ClientSampled :

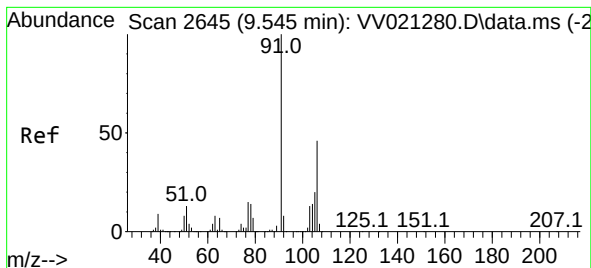
Tgt Ion: 91 Resp: 926975
Ion Ratio Lower Upper
91 100
106 31.8 21.8 40.4



#53
m,p-Xylene
Concen: 45.36 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 106 Resp: 360522
Ion Ratio Lower Upper
106 100
91 211.5 144.3 267.9





#54

o-Xylene

Concen: 46.80 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.003 min

Lab File: VV021285.D

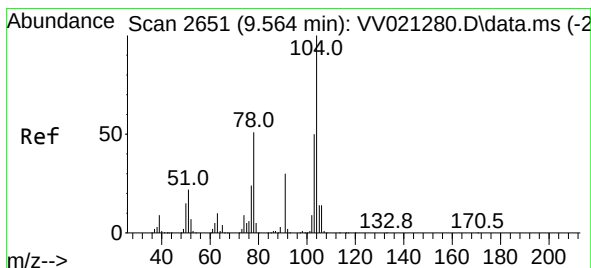
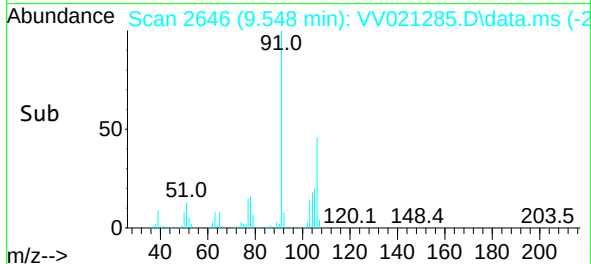
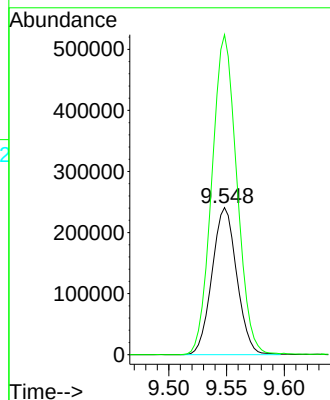
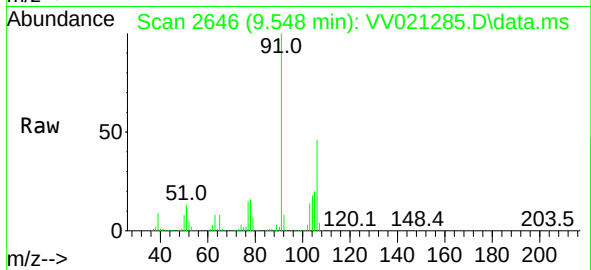
Acq: 05 May 2021 12:09

Tgt Ion:106 Resp: 358601

Ion Ratio Lower Upper

106 100

91 217.7 150.4 279.4



#55

Styrene

Concen: 47.30 ug/L

RT: 9.564 min Scan# 2651

Delta R.T. 0.000 min

Lab File: VV021285.D

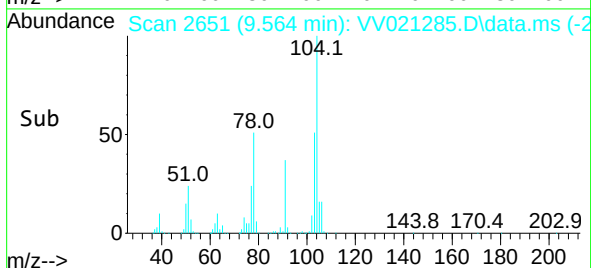
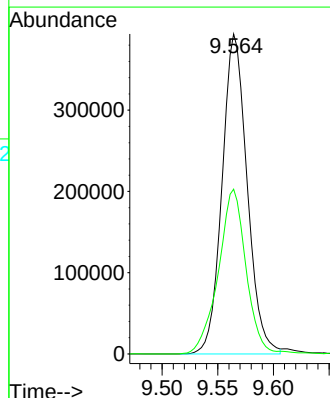
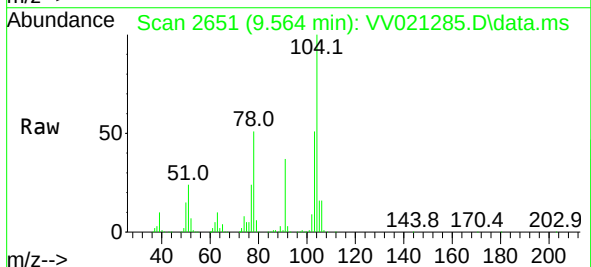
Acq: 05 May 2021 12:09

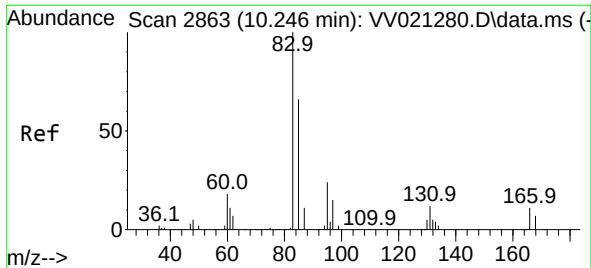
Tgt Ion:104 Resp: 616947

Ion Ratio Lower Upper

104 100

78 51.5 32.4 60.2

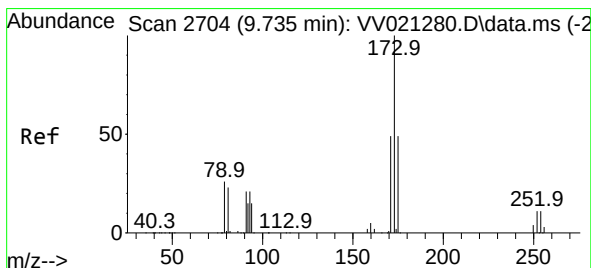
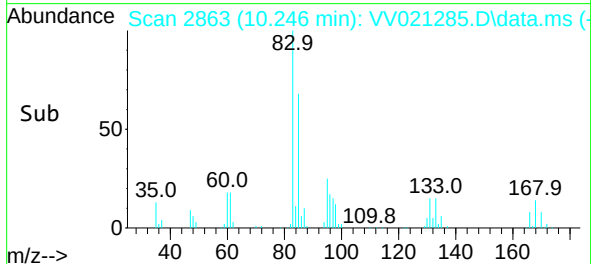
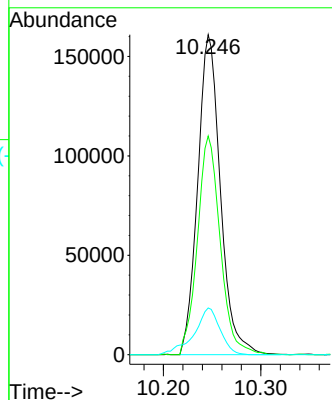
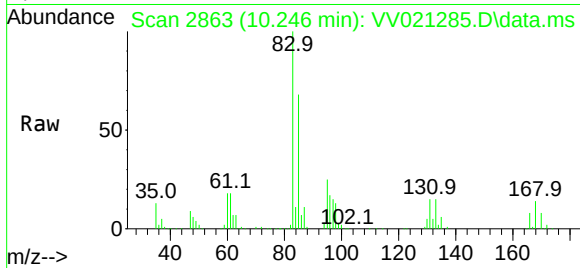




#57
1,1,2,2-Tetrachloroethane
Concen: 47.40 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

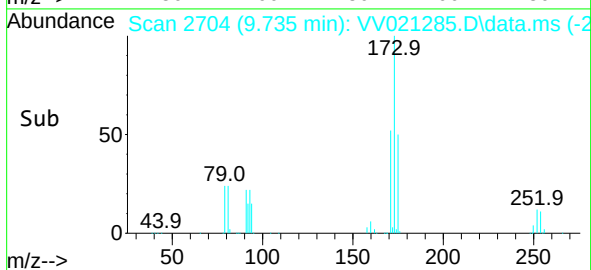
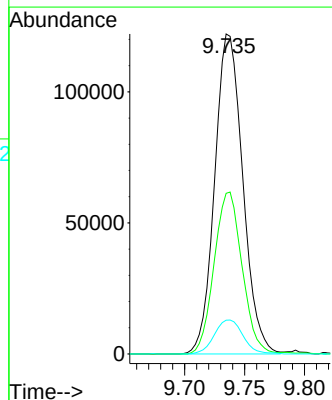
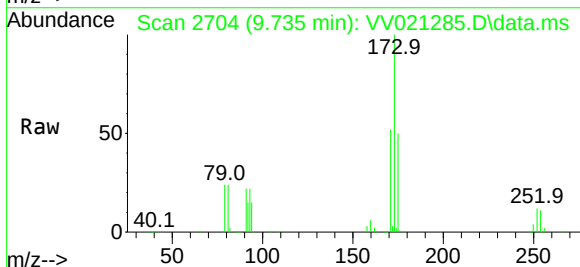
Instrument :
MSVOA_V
ClientSampleId :

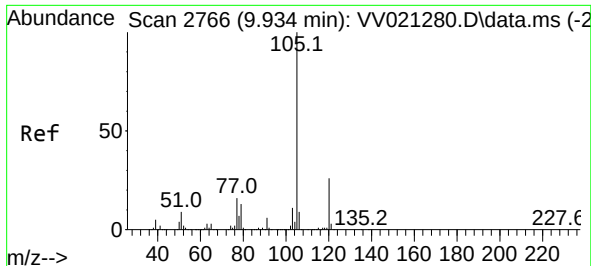
Tgt Ion: 83 Resp: 260988
Ion Ratio Lower Upper
83 100
85 68.3 45.8 85.0
131 14.6 8.8 13.2#



#59
Bromoform
Concen: 43.41 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 173 Resp: 198885
Ion Ratio Lower Upper
173 100
175 50.2 38.9 58.3
254 10.9 8.3 12.5

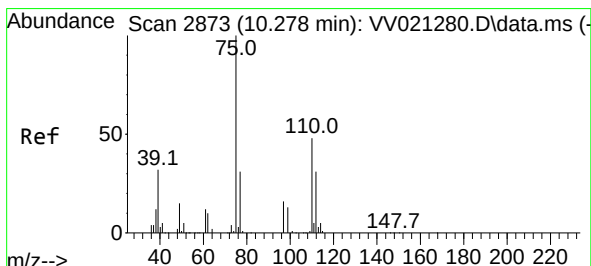
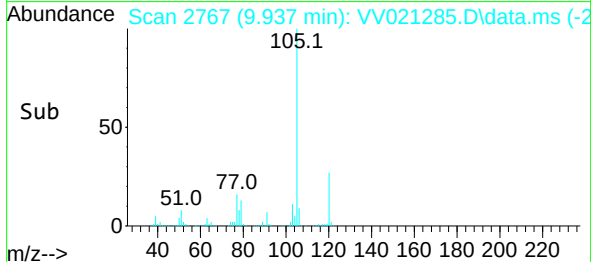
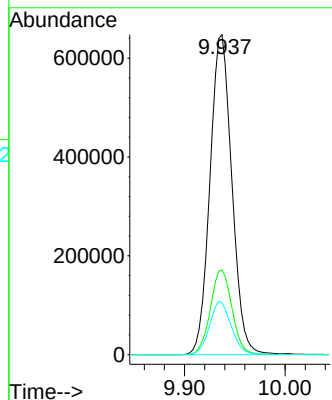
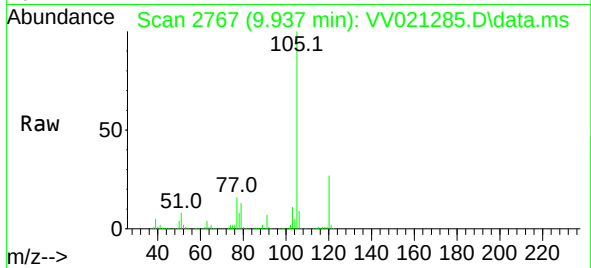




#60
Isopropylbenzene
Concen: 44.74 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

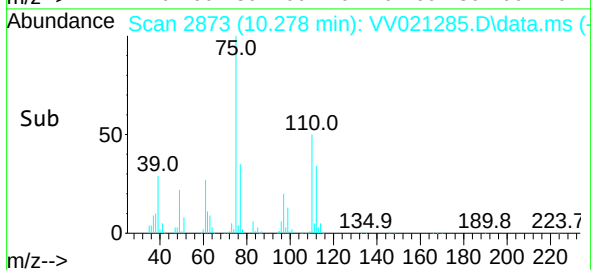
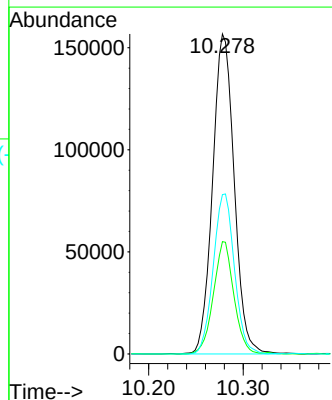
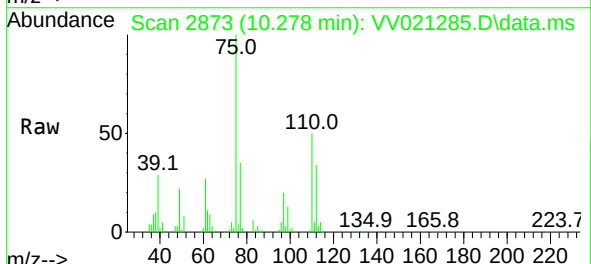
Instrument :
MSVOA_V
ClientSampled :

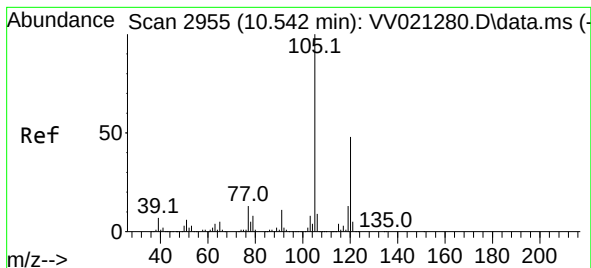
Tgt Ion:105 Resp: 978362
Ion Ratio Lower Upper
105 100
120 26.2 21.8 32.6
77 16.6 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 44.48 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 75 Resp: 248923
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8
110 49.0 34.9 52.3

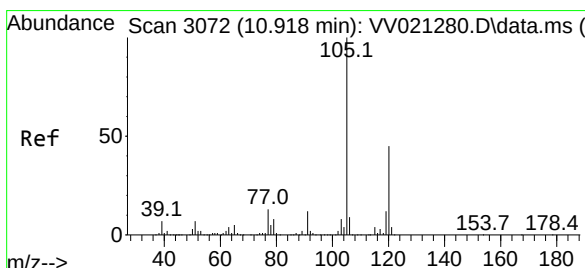
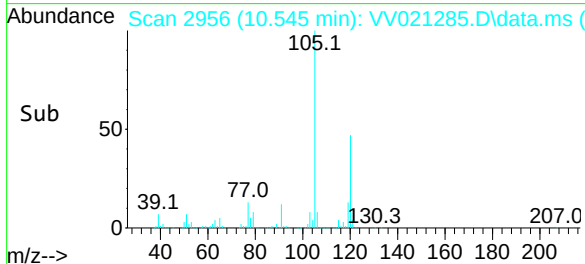
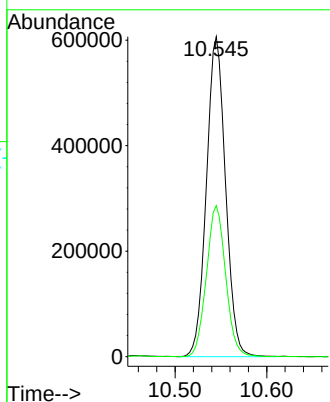
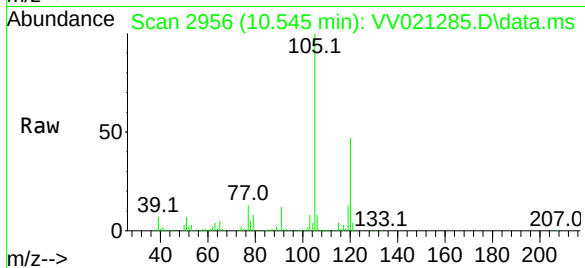




#62
1,3,5-Trimethylbenzene
Concen: 45.83 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

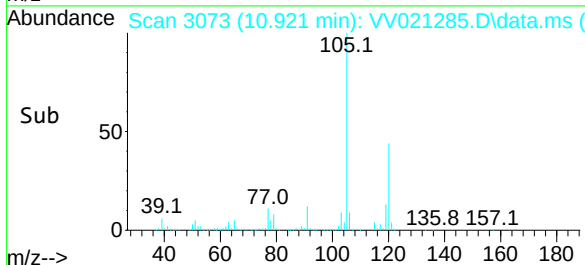
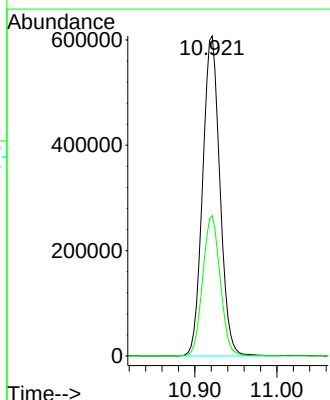
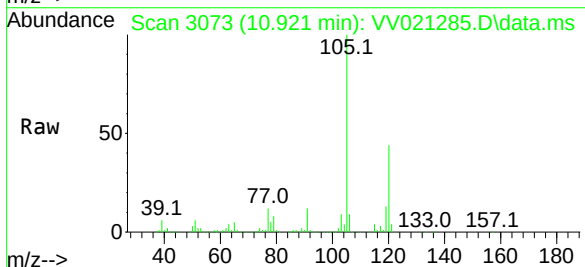
Instrument :
MSVOA_V
ClientSampled :

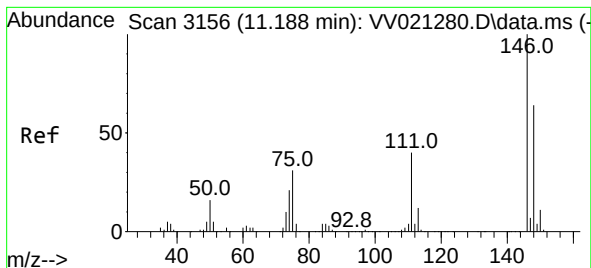
Tgt Ion:105 Resp: 877813
Ion Ratio Lower Upper
105 100
120 47.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 46.30 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion:105 Resp: 889885
Ion Ratio Lower Upper
105 100
120 44.5 37.7 56.5

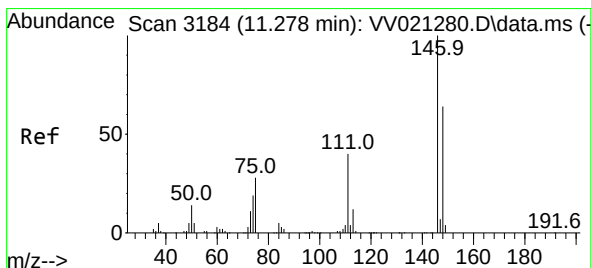
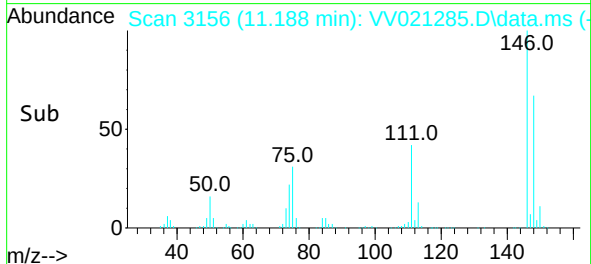
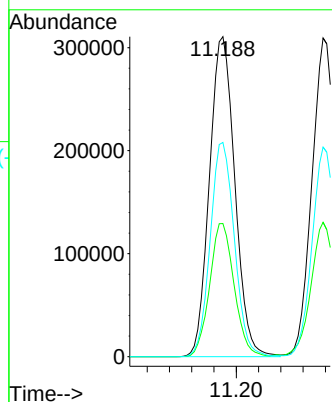
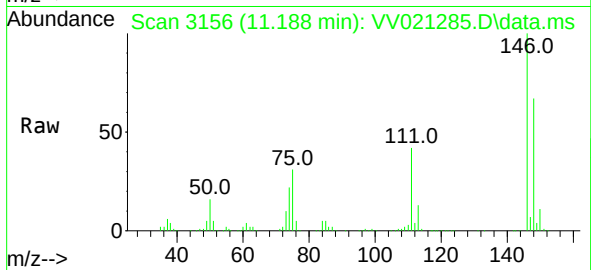




#64
1,3-Dichlorobenzene
Concen: 46.30 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

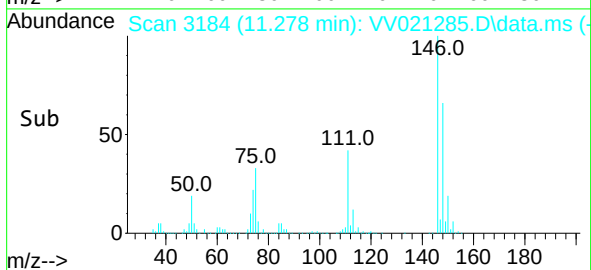
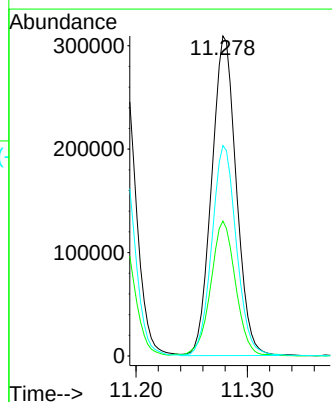
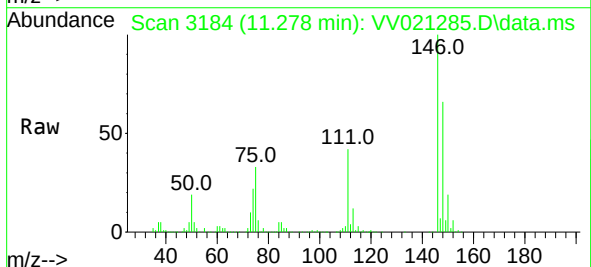
Instrument :
MSVOA_V
ClientSampled :

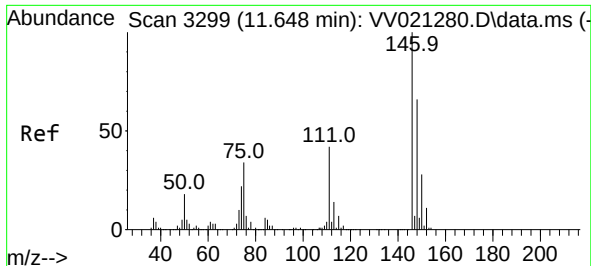
Tgt Ion:146 Resp: 491636
Ion Ratio Lower Upper
146 100
111 41.6 27.6 51.2
148 66.9 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 43.69 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion:146 Resp: 474996
Ion Ratio Lower Upper
146 100
111 42.2 26.3 48.9
148 65.7 44.7 82.9

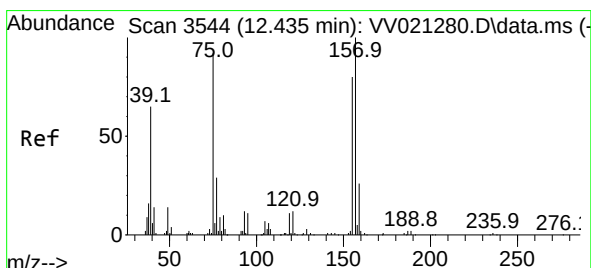
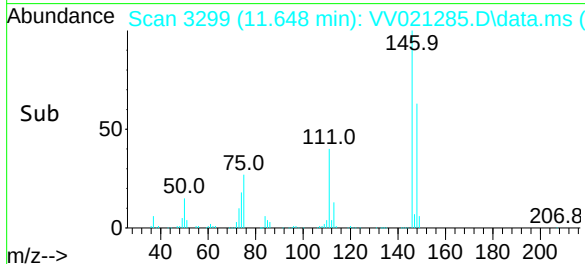
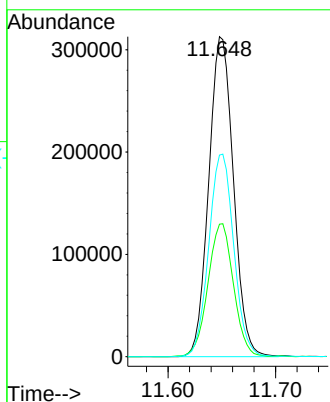
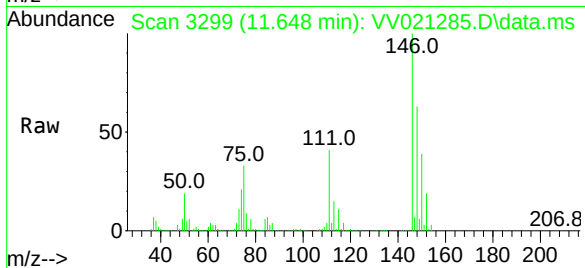




#67
1,2-Dichlorobenzene
Concen: 46.50 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

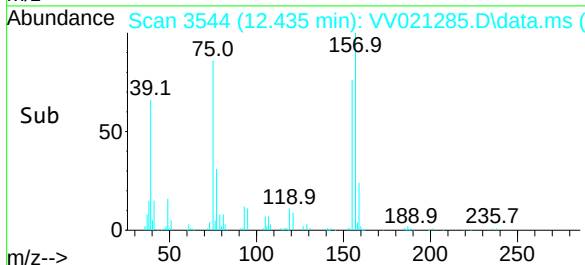
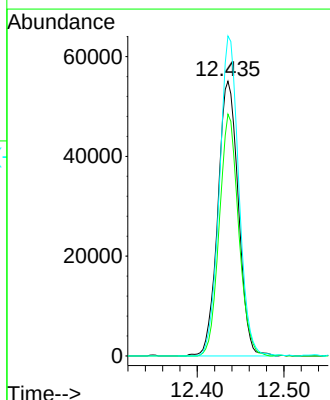
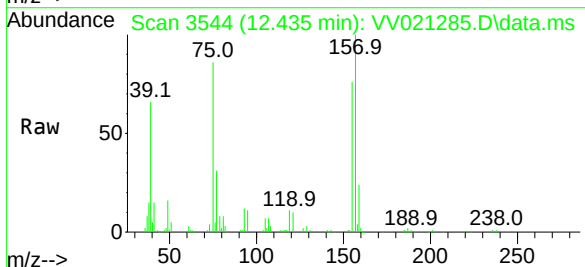
Instrument :
MSVOA_V
ClientSampled :

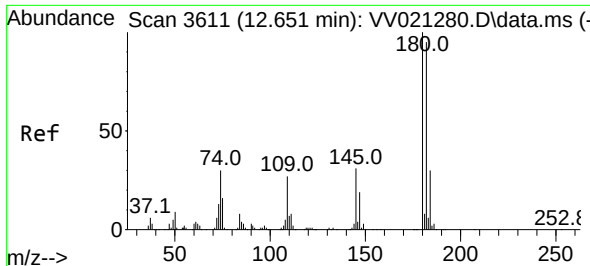
Tgt Ion:146 Resp: 498726
Ion Ratio Lower Upper
146 100
111 41.4 33.2 49.8
148 63.0 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 46.46 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion: 75 Resp: 90423
Ion Ratio Lower Upper
75 100
155 88.0 72.8 109.2
157 116.5 94.6 142.0

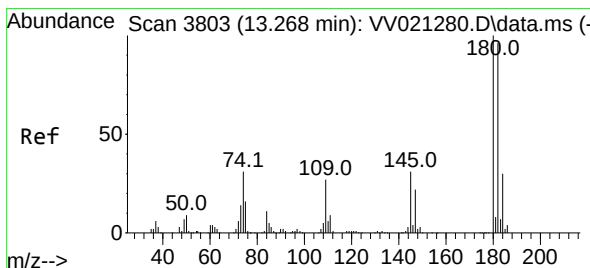
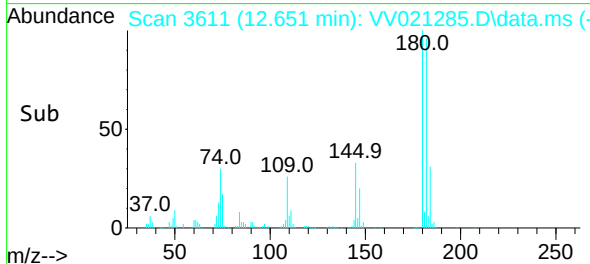
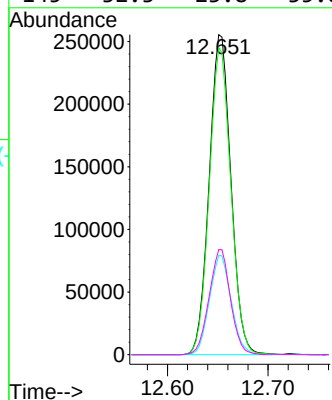
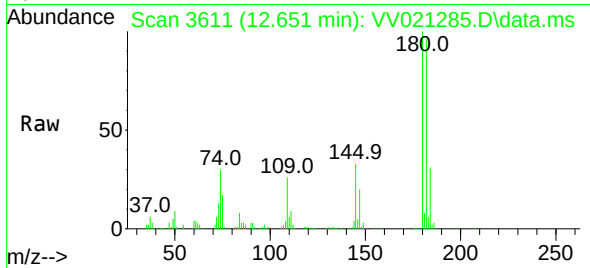




#69
1,3,5-Trichlorobenzene
Concen: 46.63 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

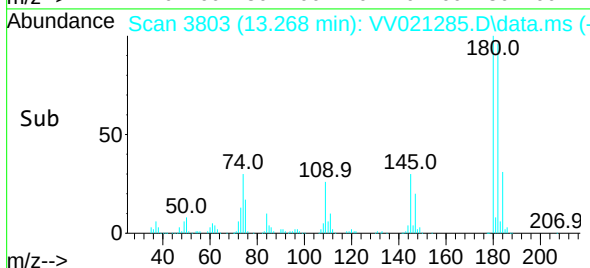
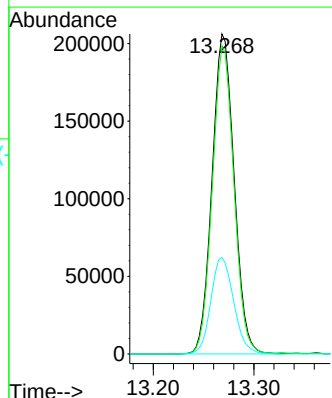
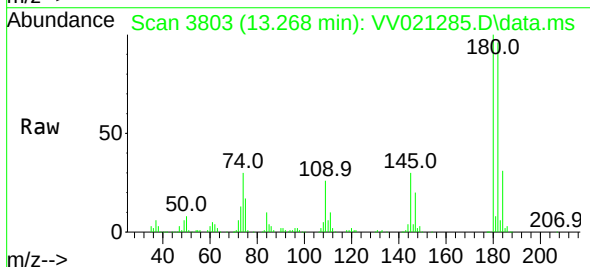
Instrument :
MSVOA_V
ClientSampled :

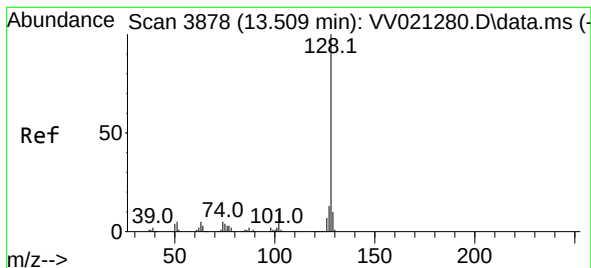
Tgt Ion:180 Resp: 383481
Ion Ratio Lower Upper
180 100
182 95.2 77.4 116.0
184 30.9 24.1 36.1
145 32.3 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 47.02 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion:180 Resp: 314776
Ion Ratio Lower Upper
180 100
182 93.8 77.5 116.3
145 31.1 24.3 36.5

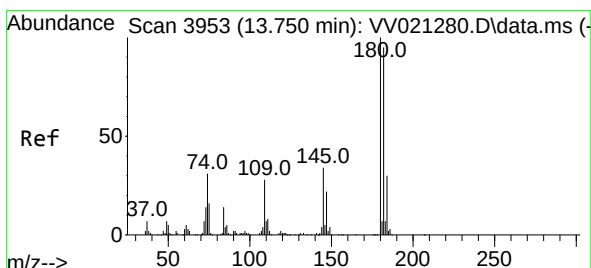
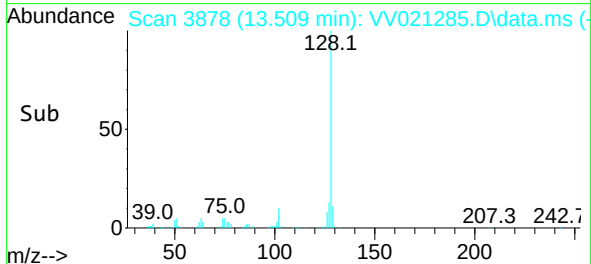
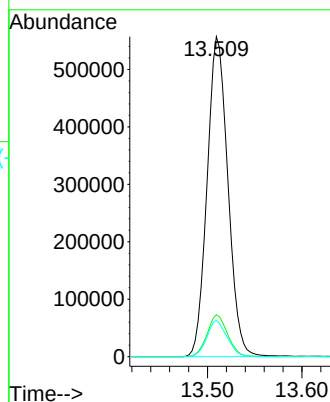
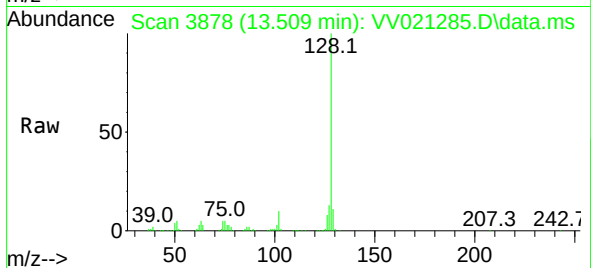




#71
Naphthalene
Concen: 46.33 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 851981
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.76 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV021285.D
Acq: 05 May 2021 12:09

Tgt Ion:180 Resp: 323591
Ion Ratio Lower Upper
180 100
182 94.6 75.9 113.9
145 35.2 25.0 37.6

